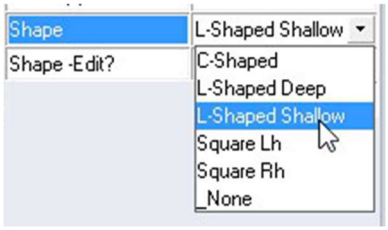
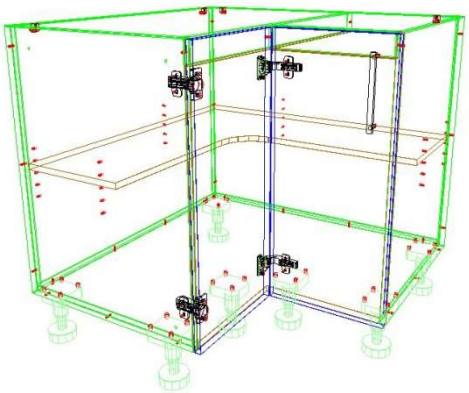
Shelf Shape Editing User Guide.





Introduction

Overview

- The 'Shelf Shape Editing ' Package from Solid Setup Plus allows you to choose commonly used shelf shapes in standard, blind and corner cabinets and adjust the shape using editable attributes.
- This package works with Adjustable shelves, Fixed Shelves and normal shelves (AS|FS|SH)
- The UCS contains a number of our "User Definable Variables" which allow you to preset all the shape defaults and radiuses on each shape and for each cabinet class (Base, Upper, Tall) separately!
- When used in conjunction with our Adjustable Shelf Holes Editing (ASHCSTD) package all the linebores for an adjustable shelf will stay in the correct position for every shape.
- When used in conjunction with our Construction Holes (SOLIDJOIN) package all the screws or cams for a fixed shelf or normal shelf will stay in the correct position for every shape.
- When used in conjunction with our Standard (CONNECTIONS CONSTRUCTION) package all the connectors for a fixed shelf or normal shelf will stay in the correct position for every shape.

Included in This Package

User Created Standards

The Following UCS is provided **(ensure you move it up above any other shelf UCS's once installed):**

- { SHELVES } -- Shapes Editable

Note:- This UCS's must always be before any other shelf UCS's, including any from our other packages. If it is not, the shelf holes may not function correctly once the shape is active.

Catalog

- Solid Setup Plus Cabinet Vision Catalog containing the Shelf Library parts.

Default Settings

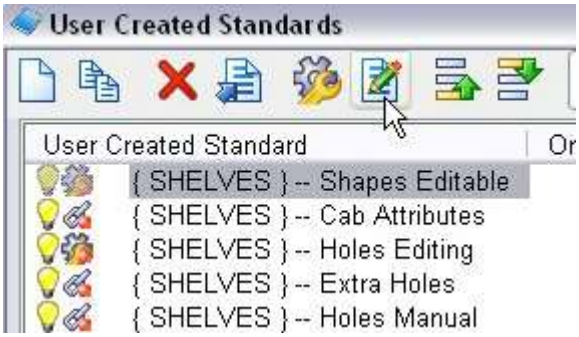
UCS User Definable Variables

There are several User Definable Variables in the "{ SHELVES } -- Shapes Editable" UCS.
These variables are used to set the depths and radius defaults for each shelf shape and can be different for Base, Upper and Tall cabinet classes. **These defaults are what will be used when a shelf shape is first chosen but you will still have the ability to override each setting on every shelf using the editable attributes on that shelf.**

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



- Then click on the "{ SHELVES } -- Shapes Editable" UCS. And press the Edit button shown here:



- Scroll down to find the following section:

```
;********************************* USER DEFINABLE VARIABLES ***************************************************************************************************

;========================================== STRAIGHT CABINETS ============================================================================================

 IF Cab.Type != ASM_TYPE_CORNER45 and Cab.Type != ASM_TYPE_CORNER90 THEN        ; For STRAIGHT CABINETS only ======================================

  IF Cab.Class = ASM_CLASS_BASE or Cab.Class = ASM_CLASS_VANITY THEN            ; For BASES or VANITIES only ======================================

   U_SHP_U_DEP_LH_Def<meas> = Imp(150)                ; Base Straight Cabinet U Shaped Shelf LEFT DEPTH                          ; was Imp(150)
   U_SHP_U_DEP_RH_Def<meas> = Imp(150)                ; Base Straight Cabinet U Shaped Shelf RIGHT DEPTH                         ; was Imp(150)
   U_SHP_U_DEP_BCK_Def<meas> = Imp(300)               ; Base Straight Cabinet U Shaped Shelf BACK DEPTH                          ; was Imp(300)
   U_SHP_U_RAD_FNT_Def<meas> = Imp(40)                ; Base Straight Cabinet U Shaped Shelf RADIUS FRONT                        ; was Imp(40)
   U_SHP_U_RAD_BCK_Def<meas> = Imp(40)                ; Base Straight Cabinet U Shaped Shelf RADIUS BACK                         ; was Imp(40)
   U_SHP_L_LH_DEP_LH_Def<meas> = Imp(350)             ; Base Straight Cabinet L Shaped Shelf Left Hand LEFT DEPTH                ; was Imp(350)
   U_SHP_L_LH_DEP_RH_Def<meas> = Imp(250)             ; Base Straight Cabinet L Shaped Shelf Left Hand RIGHT DEPTH               ; was Imp(250)
   U_SHP_L_RH_DEP_LH_Def<meas> = Imp(250)             ; Base Straight Cabinet L Shaped Shelf Right Hand LEFT DEPTH               ; was Imp(250)
   U_SHP_L_RH_DEP_RH_Def<meas> = Imp(350)             ; Base Straight Cabinet L Shaped Shelf Right Hand RIGHT DEPTH              ; was Imp(350)
   U_SHP_L_RAD_CNR_Def<meas> = Imp(40)                ; Base Straight Cabinet L Shaped Shelf RADIUS CORNER                       ; was Imp(40)

  END IF                                              ; IF Cab.Class = ASM_CLASS_BASE or.....Then

  IF Cab.Class = ASM_CLASS_TALL THEN                                            ; For TALLS only ==================================================

   U_SHP_U_DEP_LH_Def<meas> = Imp(150)                ; Tall Straight Cabinet U Shaped Shelf LEFT DEPTH                          ; was Imp(150)
   U_SHP_U_DEP_RH_Def<meas> = Imp(150)                ; Tall Straight Cabinet U Shaped Shelf RIGHT DEPTH                         ; was Imp(150)
   U_SHP_U_DEP_BCK_Def<meas> = Imp(300)               ; Tall Straight Cabinet U Shaped Shelf BACK DEPTH                          ; was Imp(300)
```

- This section contains the variables for non corner cabinets (straight or blind cabinets).
- It is split into three sections: Base & Vanity cabinets, Tall cabinets and then Upper cabinets.
- Each section contains the default depths and radiuses for U shaped and L shaped shelves.
- Read the comment in green for each variable which describes exactly what each variable is.
- To change the values simply edit the sizes in the = Imp(???) which is the size in mm for each variable.
- Our original setting is shown as a second comment "; was Imp(150)" for each variable.
- Now Scroll down to find the following section:

```
;========================================== CORNER CABINETS ==========================================================================
IF Cab.Type = ASM_TYPE_CORNER45 or Cab.Type = ASM_TYPE_CORNER90 THEN          ; For CORNER CABINETS only ===================================

 IF Cab.Class = ASM_CLASS_BASE or Cab.Class = ASM_CLASS_VANITY THEN           ; For BASES or VANITIES only =================================

  U_SHP_C_DEP_LH_Def<meas> = Imp(150)                ; Base Corner Cabinet C Shaped Shelf LEFT DEPTH                          ; was Imp(150)
  U_SHP_C_DEP_RH_Def<meas> = Imp(150)                ; Base Corner Cabinet C Shaped Shelf RIGHT DEPTH                         ; was Imp(150)
  U_SHP_C_DEP_BLH_Def<meas> = Imp(200)               ; Base Corner Cabinet C Shaped Shelf BACK LEFT DEPTH                     ; was Imp(200)
  U_SHP_C_DEP_BRH_Def<meas> = Imp(200)               ; Base Corner Cabinet C Shaped Shelf BACK RIGHT DEPTH                    ; was Imp(200)
  U_SHP_C_INS_LH_Def<meas> = Imp(10)                 ; Base Corner Cabinet C Shaped Shelf INSET LEFT                          ; was Imp(10)
  U_SHP_C_INS_RH_Def<meas> = Imp(10)                 ; Base Corner Cabinet C Shaped Shelf INSET RIGHT                         ; was Imp(10)
  U_SHP_C_RAD_CNR_Def<meas> = Imp(100)               ; Base Corner Cabinet C Shaped Shelf RADIUS CORNER                       ; was Imp(100)
  U_SHP_C_RAD_INT_Def<meas> = Imp(40)                ; Base Corner Cabinet C Shaped Shelf RADIUS INTERNAL                     ; was Imp(40)
  U_SHP_C_RAD_FNT_Def<meas> = Imp(40)                ; Base Corner Cabinet C Shaped Shelf RADIUS FRONT                        ; was Imp(40)
  U_SHP_L_INS_LH_Def<meas> = Imp(10)                 ; Base Corner Cabinet L Shaped Shelf INSET LEFT  (If Using Insets)       ; was Imp(10)
  U_SHP_L_INS_RH_Def<meas> = Imp(10)                 ; Base Corner Cabinet L Shaped Shelf INSET RIGHT (If Using Insets)       ; was Imp(10)
  U_SHP_L_DEP_LH_Def<meas> = Imp(300)                ; Base Corner Cabinet L Shaped Shelf LEFT DEPTH  (If Using Depths)       ; was Imp(300)
  U_SHP_L_DEP_RH_Def<meas> = Imp(300)                ; Base Corner Cabinet L Shaped Shelf RIGHT DEPTH (If Using Depths)       ; was Imp(300)
  U_SHP_L_RAD_CNR_INS_Def<meas> = Imp(20)            ; Base Corner Cabinet L Shaped Shelf RADIUS CORNER (If Using Insets)     ; was Imp(20)
  U_SHP_L_RAD_CNR_DEP_Def<meas> = Imp(100)           ; Base Corner Cabinet L Shaped Shelf RADIUS CORNER (If Using Depths)     ; was Imp(100)

 END IF                                              ; IF Cab.Class = ASM_CLASS_BASE or......Then

 IF Cab.Class = ASM_CLASS_TALL THEN                                           ; For TALLS only ============================================

  U_SHP_C_DEP_LH_Def<meas> = Imp(150)                ; Tall Corner Cabinet C Shaped Shelf LEFT DEPTH                          ; was Imp(150)
  U_SHP_C_DEP_RH_Def<meas> = Imp(150)                ; Tall Corner Cabinet C Shaped Shelf RIGHT DEPTH                         ; was Imp(150)
```

- This section contains the variables for corner 90 & 45 cabinets.
- It is also split into three sections: Base & Vanity cabinets, Tall cabinets and then Upper cabinets.
- Each section contains the default depths and radiuses for C shaped and L shaped shelves.
- Read the comment in green for each variable which describes exactly what each variable is.
- For the L shaped shelf there are two shapes “Shallow” and “Deep”.
  1. When the “Shallow” option is chosen the (If using Depths) variables are used to create the shape.
  2. When the “Deep” option is chosen the (If using Insets) variables are used to create the shape.

Corner Shelf Shapes

Corner Cabinet Shelf Attributes

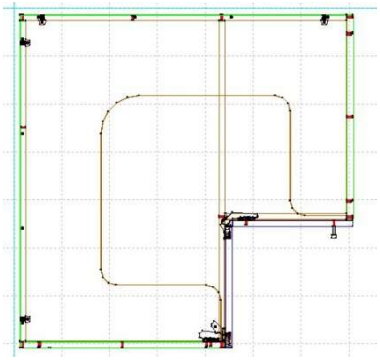
- The Attributes are only visible in the sidebar of the Ortho (Smiley) views in the cabinet editor when a **Shelf is selected**.
- Each shelf’s shape editing menu is activated by clicking on the shelf and choosing from the “Shape” List.
- Once a shape is selected, the “Shape Edit?” attribute will appear.
- Once the “Shape Edit?” has been ticked to True, the shape editing options for the selected shape will appear.
- A “Shape Banding?” attribute also appears on each shelf which is set to true by default. It causes the UCS to edge the shelf in “Internal banding” along the front edge. If you wish to band the shelf yourself you must tick this attribute to False.

These shapes are available in the “Shape” dropdown list:

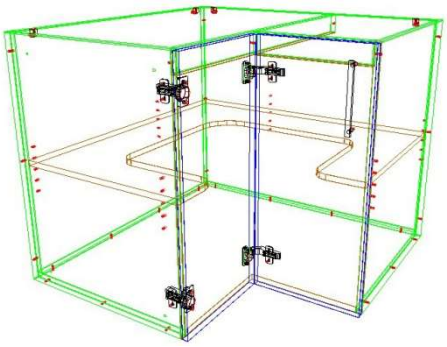
Choice:	**Description:**
C-Shaped	Changes the shape of the shelf to a “C” shape.
L-Shaped Deep	Changes the shape of the shelf to an “L” shape with deep sides.
L-Shaped Shallow	Changes the shape of the shelf to an “L” shape with shallow sides.
Square Lh?	Changes the shape of the shelf to a square shape in the left side of the interior.
Square Rh?	Changes the shape of the shelf to a square shape in the right side of the interior.
_None	Leaves the standard shape of the shelf.

Corner Cabinet "C" Shaped Shelf

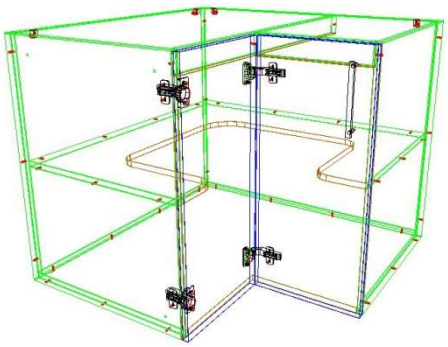
When "C-Shaped" is chosen in a corner cabinet the shelf will look like this:



Plan View



Adjustable Shelf



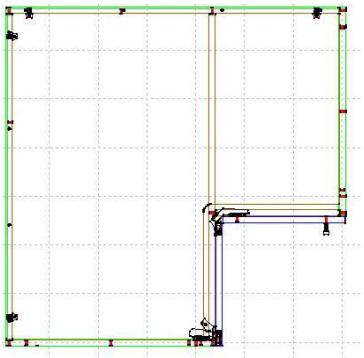
Fixed or Normal Shelf

The Following attributes will appear if "Shape Edit?" is true, to allow the shape to be edited:

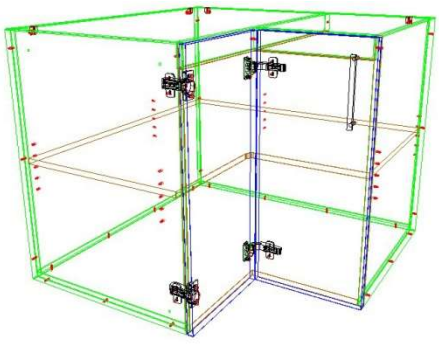
Prompt:	Value:	Description:
Shape Depth Bck Lh	200	Changes the **Depth** of the shelf against the **Left Back** of the cabinet.
Shape Depth Bck Rh	200	Changes the **Depth** of the shelf against the **Right Back** of the cabinet.
Shape Depth Lh	150	Changes the **Depth** of the shelf against the **Left End** of the cabinet.
Shape Depth Rh	150	Changes the **Depth** of the shelf against the **Right End** of the cabinet.
Shape Inset Lh	10	Changes the **Inset** of the shelf behind the **Left Door** of the cabinet.
Shape Inset Rh	10	Changes the **Inset** of the shelf behind the **Right Door** of the cabinet.
Shape Radius Cnr	100	Changes the **Radius** of the shelf in the **Back Corner** of the cabinet.
Shape Radius Fnt	100	Changes the **Radiuses** of the shelf at the **Front**.
Shape Radius Int	100	Changes the **Internal Radiuses** of the shelf.

Corner Cabinet "L Shaped Deep" Shaped Shelf

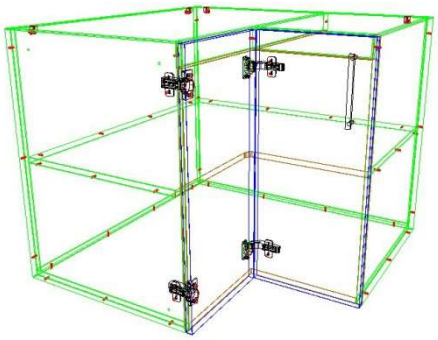
When "L-Shaped Deep" is chosen in a corner cabinet the shelf will look like this:



Plan View



Adjustable Shelf



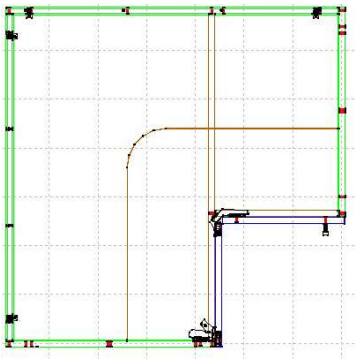
Fixed or Normal Shelf

The Following attributes will appear if "Shape Edit?" is true, to allow the shape to be edited:

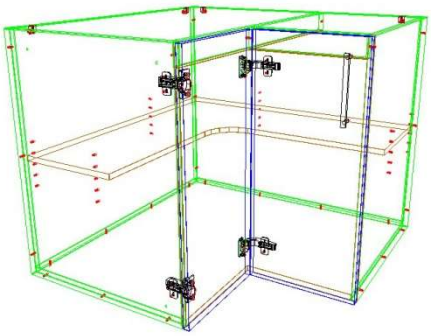
Prompt:	Value:	Description:
Shape Inset Lh	10	Changes the **Inset** of the shelf behind the **Left Door** of the cabinet.
Shape Inset Rh	10	Changes the **Inset** of the shelf behind the **Right Door** of the cabinet.
Shape Radius Cnr	20	Changes the **Radius** of the shelf in the **Internal Corner.**

Corner Cabinet "L Shaped Shallow" Shaped Shelf

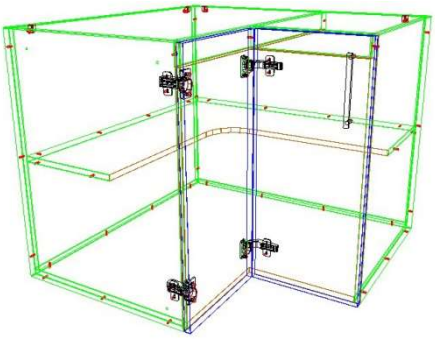
When "L-Shaped Shallow" is chosen in a corner cabinet the shelf will look like this:



Plan View



Adjustable Shelf



Fixed or Normal Shelf

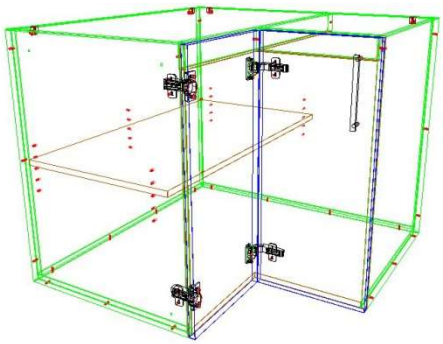
The Following attributes will appear if "Shape Edit?" is true, to allow the shape to be edited:

Prompt:	Value:	Description:
Shape Depth Lh	300	Changes the **Depth** of the shelf in the **Left Side** of the cabinet.
Shape Depth Rh	300	Changes the **Depth** of the shelf in the **Right Side** of the cabinet.
Shape Radius Cnr	100	Changes the **Radius** of the shelf in the **Internal Corner.**

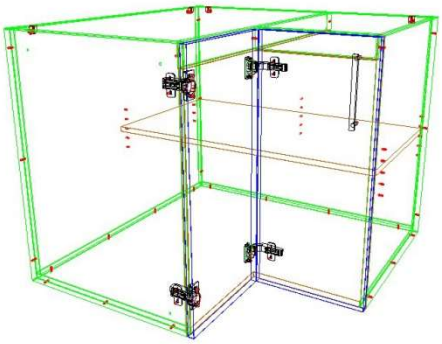
Corner Cabinet "Square" Shaped Shelf

When "Square Lh" or "Square Rh" is chosen in a corner cabinet, the shelf will change to a square shelf in either the left or right side of the cabinet as shown below.

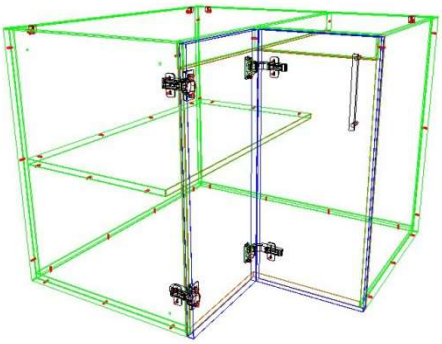
- It does not matter which interior the shelf was added into in the section view when choosing this shape.
- The **depth** of the shelf can then be adjusted in the **section view** like normal with the "Depth" setting under the Adjustments heading in the sidebar.



Adjustable Shelf on Left

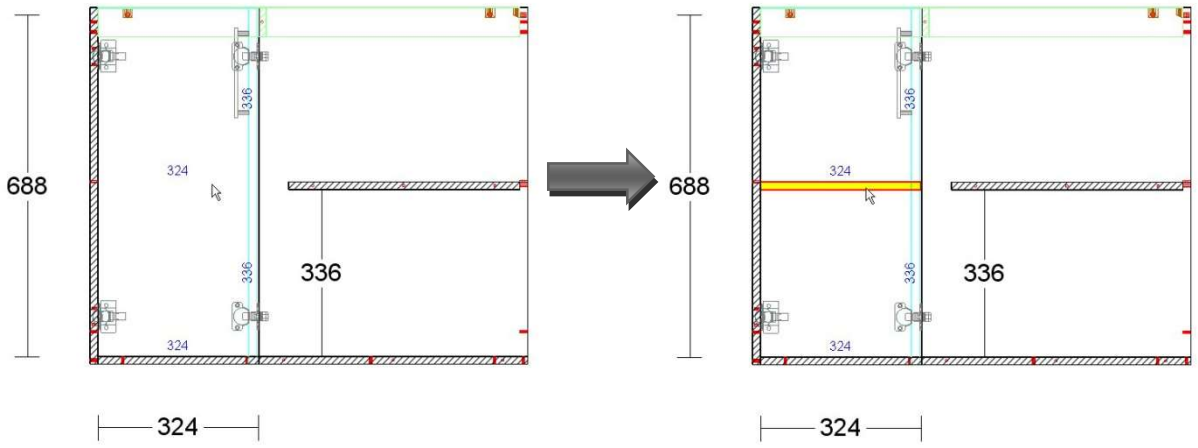


Adjustable Shelf on Right



Fixed or Normal Shelf on Left

NOTE: If you choose a Shape Square Rh shelf in the left interior or vice versa you may think that you can no longer click on it in the section view because it is not shown in the interior you are editing. Simply click where it used to be and you can still select it as shown here:



Before clicking After Clicking

Straight Cabinet Shelf Shapes

Straight Cabinet Shelf Attributes

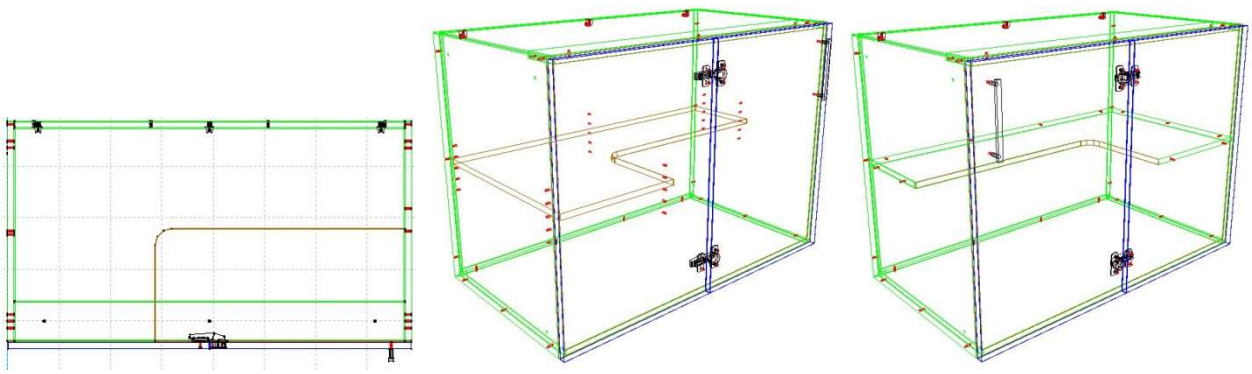
- The Attributes are only visible in the sidebar of the Ortho (Smiley) views in the cabinet editor when a **Shelf is selected**.
- Each shelf's shape editing menu is activated by clicking on the shelf and choosing from the "Shape" List.
- Once a shape is selected, the "Shape Edit?" attribute will appear.
- Once the "Shape Edit?" has been ticked to True, the shape editing options for the selected shape will appear.
- A "Shape Banding?" attribute also appears on each shelf which is set to true by default. It causes the UCS to edge the shelf in "Internal banding" along the front edge. If you wish to band the shelf yourself you must tick this attribute to False.

These shapes are available in the "Shape" dropdown list:

Prompt:	**Description:**
L-Shaped Lh	Changes the shape of the shelf to a "L" shape Left Handed.
L-Shaped Rh	Changes the shape of the shelf to a "L" shape Right Handed.
U-Shaped	Changes the shape of the shelf to a "U" shape.
_None	Leaves the standard shape of the shelf.

Straight Cabinet "L" Shaped Shelf

When "L-Shaped Lh" or "L-Shaped Rh" is chosen in a straight cabinet the shelf will look like this:



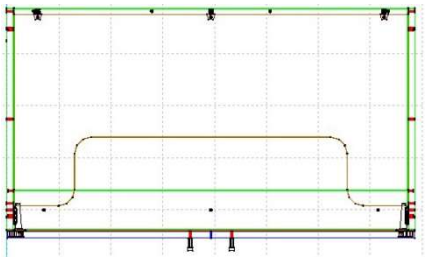
Plan View Adjustable Shelf (Lh) Fixed or Normal Shelf (Rh)

The Following attributes will appear if “Shape Edit?” is true, to allow the shape to be edited:

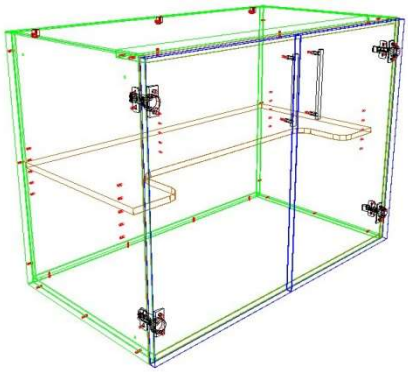
Prompt:	Value:	Description:
Shape Depth Lh	350	Changes the Left **Depth** of the shelf.
Shape Depth Rh	250	Changes the Right **Depth** of the shelf.
Shape Radius Cnr	40	Changes the **Radius** of the shelf.

Straight Cabinet “U” Shaped Shelf

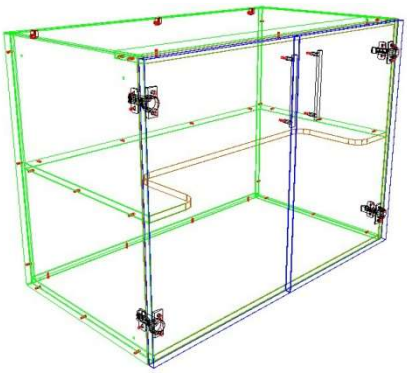
When “U-Shaped” is chosen in a straight cabinet the shelf will look like this:



Plan View



Adjustable Shelf



Fixed or Normal Shelf

The Following attributes will appear if “Shape Edit?” is true, to allow the shape to be edited:

Prompt:	Value:	Description:
Shape Depth Bck	300	Changes the **Depth** of the shelf against the **Back** of the cabinet.
Shape Depth Lh	150	Changes the **Depth** of the shelf against the **Left End** of the cabinet.
Shape Depth Rh	150	Changes the **Depth** of the shelf against the **Right End** of the cabinet.
Shape Radius Bck	40	Changes the **Radiuses** of the shelf at the **Back**.
Shape Radius Fnt	40	Changes the **Radiuses** of the shelf at the **Front**.