# Hafele Flexi Sink Waste Insert for Drawers - User Guide.



## Introduction

### Overview

- The 'Flexi Sink insert Package' from Solid Setup Plus adds Hafele Flexi sink insert into any Drawer.
- Sizes are controlled via attributes on the Left drawer back part.
- Front depth to sink is also controlled by attribute.
- Cut size of flexi sink is displayed on reports.
- It provides drilling for the drawer box back bracket screws, and routes the bottom, for CNC output.

## Included in This Package

### User Created Standards

The Following UCS is provided:

- { DRAWS } – Hafele Flexi Sink  Adds the Sink Insert to Drawers

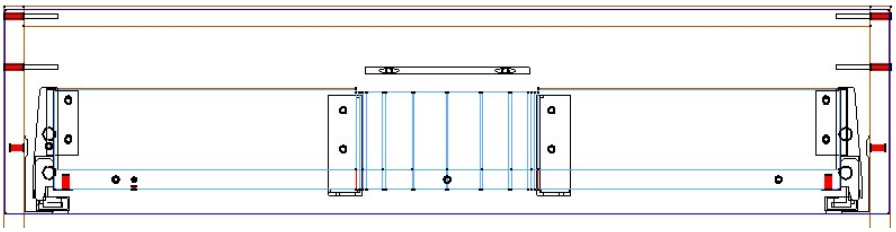
### Materials

- Flexi Sink Kit White  White Kit Code for ordering and cut size
- Flexi Sink Kit Grey  Grey Kit Code for ordering and cut size
- Flexi Sink Visual Side White  White visual strip part
- Flexi Sink Visual Side Grey  Grey visual strip part
- Flexi Sink Bracket White  White back bracket
- Flexi Sink Bracket Grey  Grey back bracket

# Sink Drawer Box Usage

## Select Sink drawers.

- Click on the drawer back in an orthographic (smiley face) view of the cabinet editor.
- Tick the "Sink Flexi Insert?" attribute in the left sidebar to "White" or "Grey"



The sink insert will appear along with the following attributes.
***(To continue using the attributes, the Left hand drawer box back must be selected, not the right hand one.)***

**Sink Flexi Position** Controls size of the Left / Right position of the insert (default is center)
**Sink Flexi Setback** Controls size of the gap at the front between the drawer front and insert.
**Sink Flexi Width** Controls the width of the cutout (Minimum 140mm as minimum insert radius is 70mm)
**Sink Flexi Too Long** **This warning appears if the sink strip required is longer than the maximum length of 680mm. You will need to either increase the setback or decrease the width to reduce the strip length.**

# Sink Drawer Setup

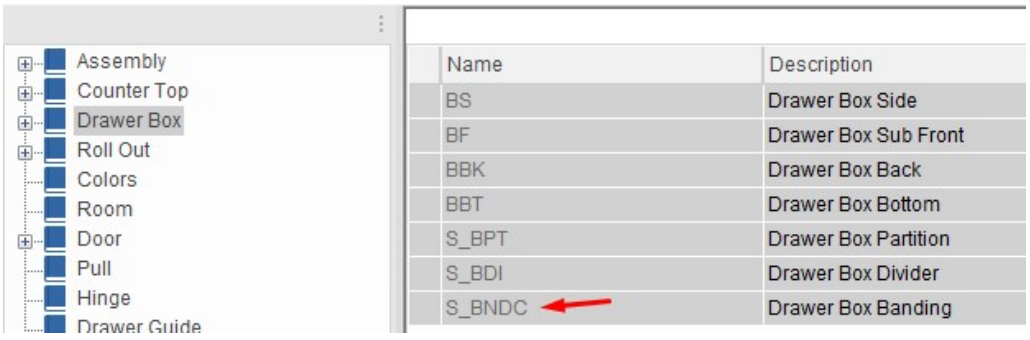
## Drawer Box Banding Setup

For the added sink drawer box back to be banded correctly the UCS which adds them needs to know what your "banding Letter" for drawer boxes is.
Firstly we need to find out your drawer box banding letter and then edit the **"{ DRAWS } – Hafele Flexi Sink"** to change it.

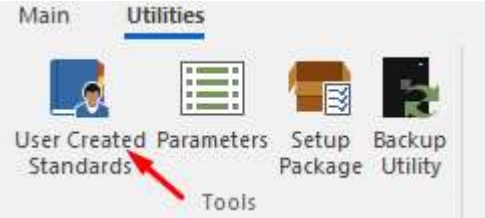
1. From your splash screen, select the part catalog



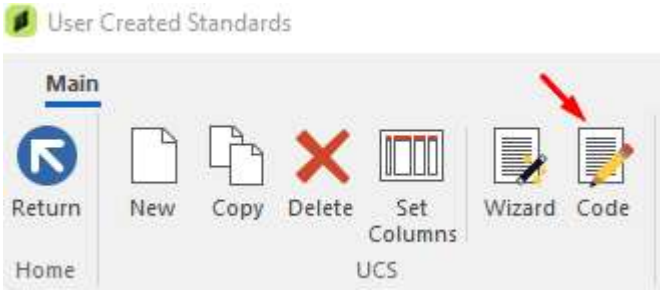

2. Click on the Drawer Box parts in the left column
3. Observe the following screen:



4. In the Name column, the last letter of the name for the S_BND? Part, is your banding letter
5. Remember what the drawer banding letter is and now close the part catalog.
6. To edit the UCS, go to the Utilities – Edit User Created Standards from the Room Plan or Elevation views




7. Click on the **"{ DRAWS } – Hafele Flexi Sink" UCS and press the Code button**




8. Now scroll down to around line 100 to view the following code:

```
;================================================== SINK DRAWER BACK SIZE ========================================
        Public U_SINK_FLEXI_MRK_DIA<meas> = 5mm             ; RHS Back Marker Diameter

        DY = U_SINK_FLEXI_POS - U_SINK_FLEXI_DX/2
        BAND<text> = 'NNCC'                                 ; Change C to your banding letter for drawer boxes

;================================================== SINK DRAWER ADD RH BACK ======================================
        Dim BBK as New Part                                 ; Add extra RH back

        BBK.Visible<bool> = True
        BBK.DX = :DX
        BBK.DY = BOXW - :X - :X - U_SINK_FLEXI_POS - U_SINK_FLEXI_DX/2
        BBK.X = 0mm
        BBK.Y = U_SINK_FLEXI_POS + U_SINK_FLEXI_DX/2
        BBK.Z = 0mm
        BBK.AX<deg> = 0
        BBK.AY<deg> = 0
        BBK.AZ<deg> = 0
        BBK.BAND<text> = 'CNNC'                             ; Change C to your banding letter for drawer boxes
```

9. The first BAND statement changes the **left back** banding to top and right edges.
10. The second BAND statement sets the **right back** banding to the top and left edges.
11. Change the NNCC and CNNC by replacing the C with your banding letter.
12. So if your banding letter is "B" for example:-
13. change NNCC to NNBB
14. change CNNC to BNNB
15. **If you do not wish to add banding to the sink cutout sides of the backs do the following:**
16. Place a semicolon before the first BAND like this:

```
;================================================== SINK DRAWER BACK SIZE ========================================
        Public U_SINK_FLEXI_MRK_DIA<meas> = 5mm             ; RHS Back Marker Diameter

        DY = U_SINK_FLEXI_POS - U_SINK_FLEXI_DX/2
        ;BAND<text> = 'NNCC'                                   ; Change C to your banding letter for drawer boxes
```

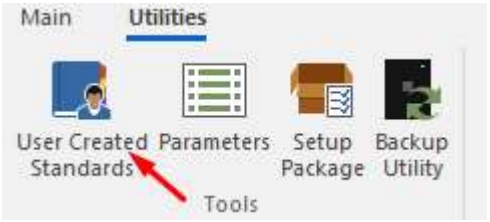
17. This will deactivate the banding override on the left back and revert to only banding the top edge.
18. Change the second BAND code to 'NNNC' and replace the C with your banding letter.
19. This will band only the top edge of the right hand back.

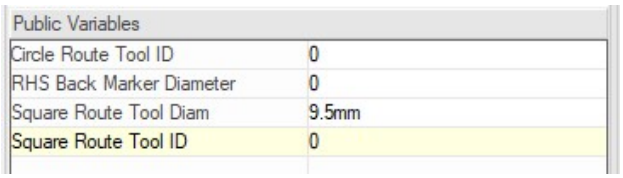
# Sink Route Tooling

## UCS Public Variable

There are Public Variables for both the UCSs.

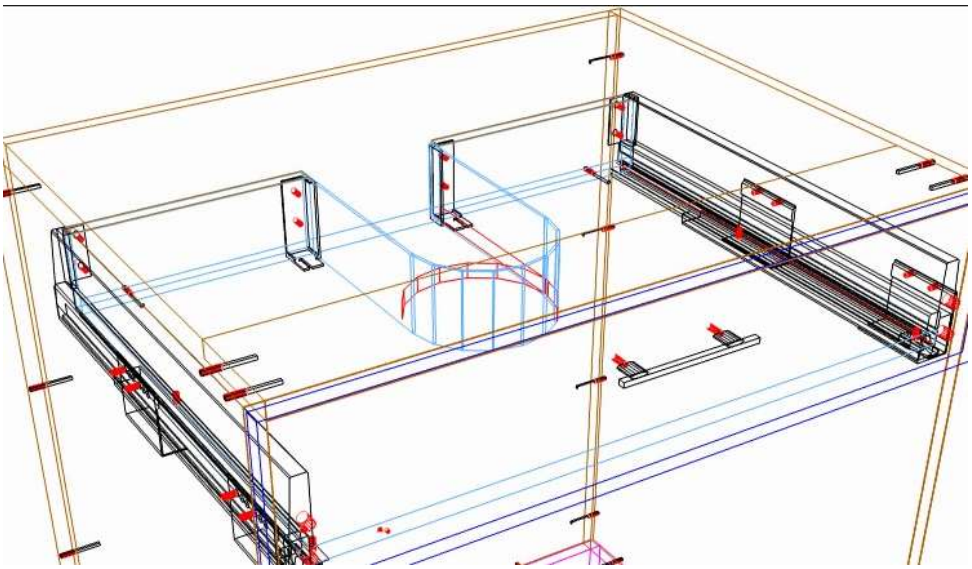
- To change these variables go to the Utilities – Edit User Created Standards from the Plan or Elevation.




- Then click on the **"{ DRAWS } -- Hafele Flexi Sink"** UCS.
- On the top left hand side of the screen you will see the Public Variable list:

**Circle Route Tool ID** = Tool ID from your tool catalog for the circle route in the drawer bottom. (0=auto)
**RHS Back Marker Diameter** = 5mm (adds a top edge marker to the RHS sink back) 0=none
**Square Route Tool ID** = Tool ID from your tool catalog for the square route in the drawer bottom. (0=auto)
**Square Route Tool Diam** = Tool diameter for the square route in the drawer bottom (we have used 9.5mm)



# Package Exclusions

Some of the items shown in various images contained in this document are not included in the Flexi Sink Package, but come from other packages which are sold separately. See our website for more detailed information on these packages.