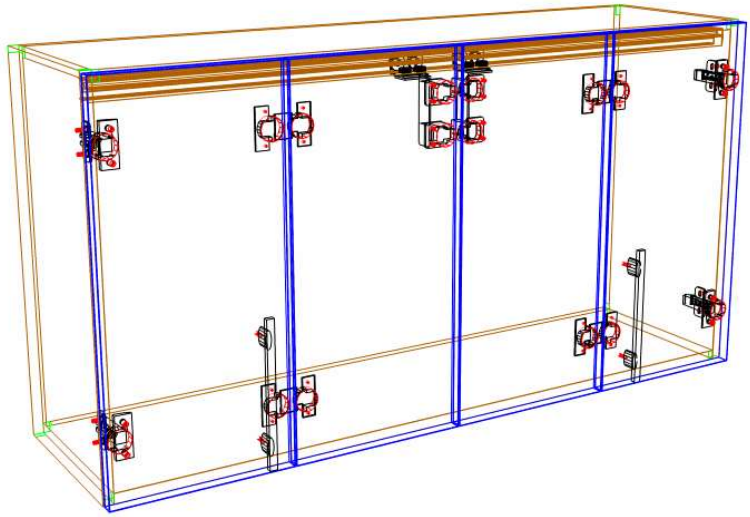
Hafele Twinline ‘50’ User Guide.



Introduction

Overview

- The ‘Hafele Twinline 50 Package’ from Solid Setup Plus adds the Hafele Twinline 50 folding door system to Cabinet Vision.
- It provides drilling for the Door parts, for CNC output.
- *(You can change the running gear anchor drilling diameters and depths to the tools you want to use.)*
- We have provided the Zinc AND Nylon bifolding hinges as options.
- It also adds 3d graphics for the running gear and profiles etc.
- The running gear and profile etc are added as a separate parts and materials for reporting purposes.
- All material descriptions contain the Hafele order number after the # symbol.
- Please read Hafele documentation for more information on the Twinline 50 system.

Included in This Package

User Created Standards

- { DOOR } -- Hafele Twinline 50 -Adds Hafele Twinline 50 to DOR_OPEN

Catalog

- “Solid Setup Plus” Cabinet Vision Catalog of Hafele Library parts

Parts

- HNGDXF Hinge type part used for Hinges and Running gear

Materials

- Hinge - Twinline 50 Basic - Activates Basic KIT when selected on door
- Hinge - Twinline 50 Project - Activates Project KIT when selected on door
- Hinge - Twinline 50 Standard - Activates Standard KIT when selected on door
- Other hinge and misc materials required for the system to work

Twinline 50 Usage

Requirements.

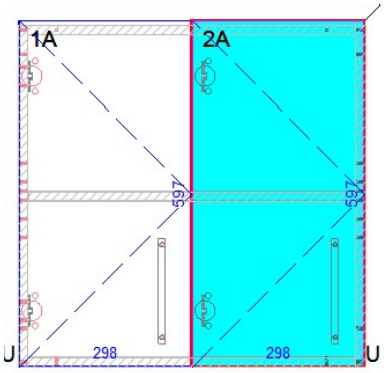
For the Twinline 50 to work correctly the following conditions must be met

- Cabinet must be a straight cabinet not a corner or shaped cabinet.
- Cabinet top or front top rail must exist at top of cabinet.
- Cabinet should have 2 or 4 doors for best operation of Twinline 50.
- Doors requiring running gear must be hinged off an adjacent door, not the cabinet.
- Door should be no more than 600mm wide
- Please read Hafele documentation for full description of the Twinline 50 operation.

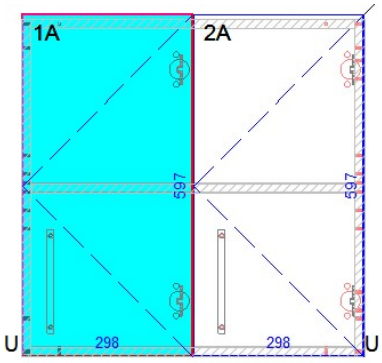
Activation

- When the above requirements are met, the Twinline 50 is activated by selecting one of the following 3 hinges on the door which requires the running gear.

- **2 Door scenario:**
- In the section view split the pair of doors into 2 separate doors
- Rehinge the door required:

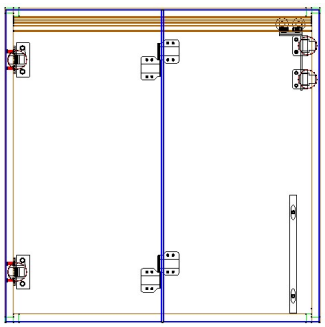


Right Door Rehinged

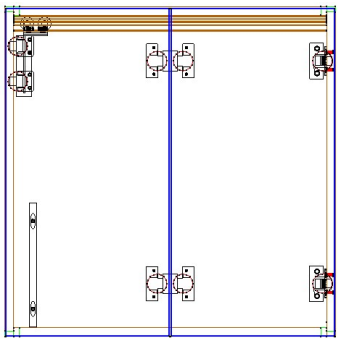


Left Door Rehinged

- Double click on the re-hinged door and select the hinges tab
- Then press the change button
- Do a search for “twinline”
- Select the “**Twinline 50 Basic**” hinge material to add the Basic KIT with **Nylon** bifold hinges.
- Select the “**Twinline 50 Project**” hinge material to add the Project KIT with **Zinc** bifold hinges.
- Select the “**Twinline 50 Standard**” hinge material to add the Standard KIT with **Zinc** bifold hinges, and plastic cover caps.
- Cabinet should now look like this:-

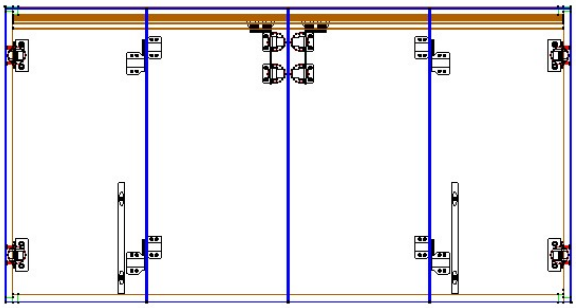


With Nylon bifolding hinge

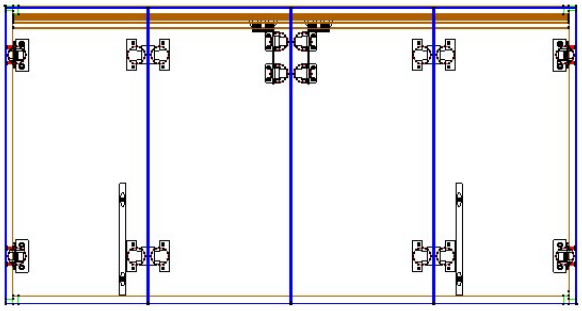


With Zinc bifolding hinge

- **4 Door Scenario:**
- In the section view split the face into 4 individual doors.
- Rehinge the middle 2 doors so they hang off the 2 side doors.
- Again choose the "**Twinline 50 Basic**" or **Project** or **Standard** hinge on the middle doors as described above
- Cabinet should now look like this:



With Nylon bifolding hinge



With Zinc bifolding hinge

- Handles can be removed off running gear doors if not required.
- 2 top tracks will be added, to remove one, use the door attribute described below:

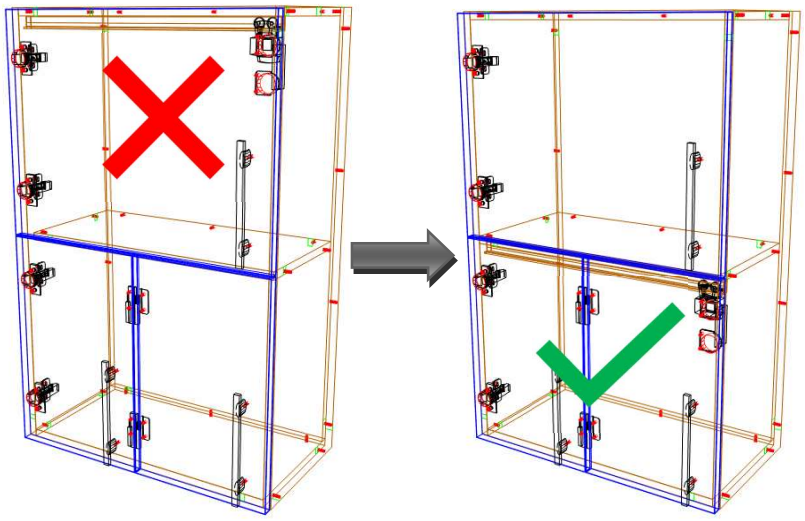
Linking the Top Track to a Shelf instead of the Cabinet Top.

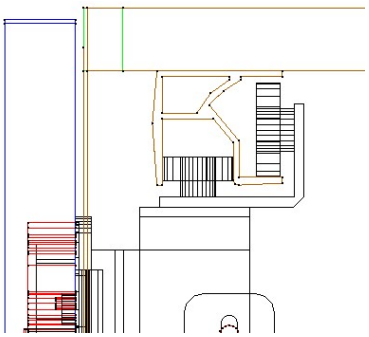
By default, when the door attribute "TW50 Top Track Position" is set to "Link to Top", the Running gear and Top Track will link to the Cabinets Top or Top Rail if they are present, even if they are not behind the door itself.

If the top of the door is not near the Cabinets Top or Top Rail, you can set the Position attribute to "Manual Placement", instead, and then use the other attributes to move them up/down and Left/Right.

Use this method to link them another part such as a shelf. Make sure the track sits on the shelf as per the side view image below.

TW50 Top Track On?	Turns off track on 2nd door if required
TW50 Top Track Position	Link to Top / Manual Placement
TW50 Top Track Y Adj	Move the track and running gear up/down
TW50 Top Track LH Adj	Resizes track on Left hand side
TW50 Top Track RH Adj	Resizes track on Right hand side





NOTE: Make sure track sits on shelf as shown here

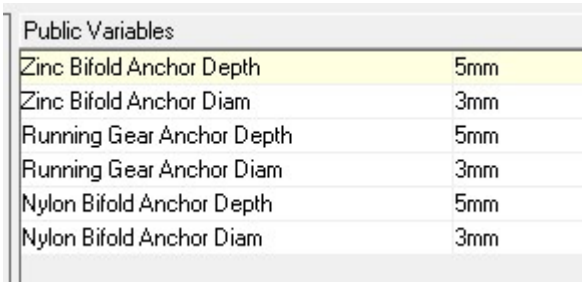
Drilling Setup

UCS Public Variables

- The various Anchor drilling sizes are provided as editable variables
- To change these variables go to the Utilities – Edit User Created Standards from the Room Plan or Elevation views



- Then click on the **"{ DOOR } -- Hafele Twinline 50 "** UCS. The Public Variables are at the top right of the screen.



- hange the Zinc Bifold anchor drilling to the sizes you prefer.
- Change the Running gear anchor drilling to the sizes you prefer.
- Change the Nylon Bifold anchor drilling to the sizes you prefer.

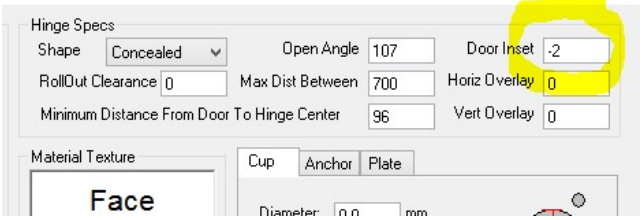
Once you have changed these values to your requirements, close the UCS editor.

Note: The cup holes for the 50 running gear, and zinc bifolding hinge are 35mm diameter and 12mm deep.

Hinge Door Inset Amount

As with all our hinge materials, we have set the door inset to -2mm so that the doors are shown in their correct position of 2mm away from the cabinet.
The door inset of all the doors much be even or else the folding hinge will not drill the adjacent door.
You can either change our "Twin Line 50 Hinge" inset to match your hinge inset or change your hinge inset to -2mm.

To do this enter your material catalog and choose the Hinges tab.
Find the hinge you wish to change and select it. The door inset value is shown here:



Tools Required

- The drill diameters you choose in the UCS User Definable Variables above and the other listed diameters, are all required for this package to work. You must have these tool diameters in your tool catalog and in your machine.

Package Exclusions

There may be some items shown in various images contained in this document which are not included in this Package (such as the standard hinge plate graphics). Any items not specifically mentioned in this guide are part of our other packages which are sold separately.

See our website for more detailed information on these packages.