# Nover Krome Prem+ - User Guide.




## Introduction

### Overview

- The 'Nover Krome Premium Plus Package' from Solid Setup Plus adds the Nover Krome Premium Plus drawers to Cabinet Vision.
- It provides drilling for cabinet ends and drawer components for CNC output.
- It also adds 3d graphics for the drawer sides, runners, brackets and galleries etc.
- All material descriptions contain the Nover order number after the # symbol and in the Vendor SKU.
- White – colour, in 35kg and 60kg
- Heights are 90mm, 128mm, 175mm and 239mm
- Depths are 300-350-400-450-500-550 for 35kg and 450-500-550-600-650 for 60kg
- Gallery Rails can be added to any drawer or Rollout. 1 or 2 Galleries with adjustable heights are included.
- Rollouts (inner Drawers) for utilizing metal fronts, Melamine ROF fronts and SLAB colour fronts in both Horizontal or Vertical Grain are provided.

## Included in This Package

### Drawer Guide Schedules:

- "Nover Krome Prem+ Wte 35kg" Krome Prem+ White with 35Kg guides.
- "Nover Krome Prem+ Wte 60kg" Krome Prem+ White with 60Kg guides.

### Drawer Guide Materials:

| Colour | Weight | Profile | Draws/Inners | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| White | 35 | 90 | Draws/Inners | 300 | 350 | 400 | 450 | 500 | 550 | | |
| White | 35 | 128 | Draws/Inners | 300 | 350 | 400 | 450 | 500 | 550 | | |
| White | 35 | 175 | Draws/Inners | 300 | 350 | 400 | 450 | 500 | 550 | | |
| White | 35 | 239 | Draws Only | 300 | 350 | 400 | 450-60kg | 500-60kg | 550-60kg | | |
| White | 60 | 90 | Draws/Inners | | | | | 500 | 550 | 600 | 650 |
| White | 60 | 128 | Draws/Inners | | | | 450 | 500 | 550 | 600 | 650 |
| White | 60 | 175 | Draws/Inners | | | | 450 | 500 | 550 | 600 | 650 |
| White | 60 | 239 | Draws Only | | | | 450 | 500 | 550 | 600 | 650 |

## User Created Standards

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

- { DRAWS } -- Nover Krome Prem+ Attributes
- { DRAWS } -- Nover Krome Prem+ Parts

## Drawer Boxes

The Following drawer box constructions are provided:

- Nover Krome Prem+ Drawer
- Nover Krome Prem+ Inner Metal (Metal Front Rollout with brackets and Cross Rail)
- Nover Krome Prem+ Inner ROF (Wooden ROF Front Rollout)
- Nover Krome Prem+ Inner SLAB HG (Wooden SLAB Front Rollout with Horizontal Grain)
- Nover Krome Prem+ Inner SLAB VG (Wooden SLAB Front Rollout with Vertical Grain)

## Room Attributes

The Following system attributes are provided:

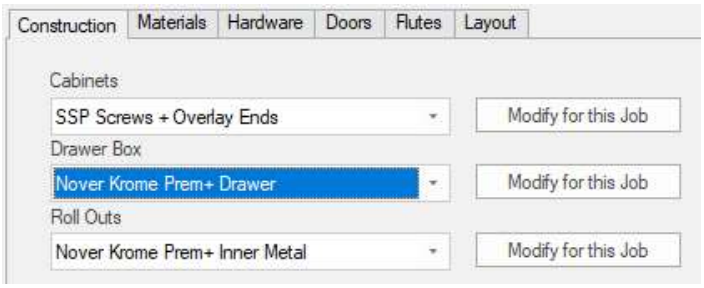
- S_Room_DFront_Screwon "Draw Front Screwon"

# Krome Prem+ Usage

## Menu Selections for a Job or Room.

To use the Krome Prem+ drawers in a job you must make the following selections:

- In the job or room properties the Cabinet Construction tab should have the **Drawer Box** set to "**Nover Krome Prem+ Drawer**" and the **Roll Outs** set to a "**Nover Krome Prem+ Inner…**" as shown here:




- In the Hardware tab, choose one of the Nover Krome Prem+ guide schedules:




- In the Materials tab, you can choose any of the Drawer Box or Roll Out schedules you have set up for other drawers as long as the materials selected are suitable for Nover Krome Premium Plus.

## Menu Selections for a Cabinet.

To use Krome Premium Plus drawers in a cabinet when Krome Premium Plus has **not** been selected in the room or job the Construction, Materials and Hardware tabs for the cabinet in question **must** be set to the same selections as above.

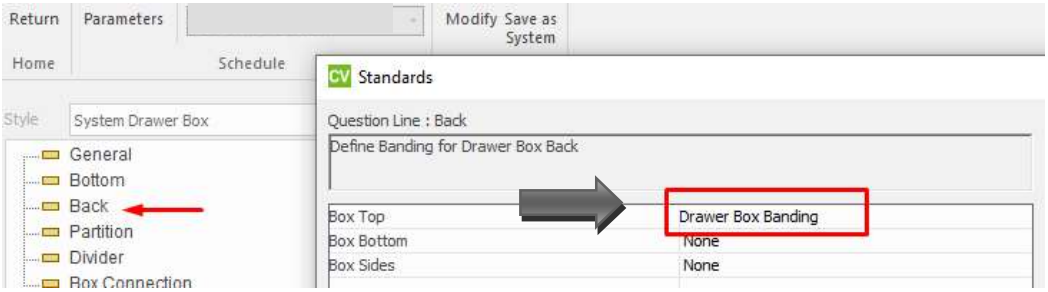
## Menu Selections for one Drawer/Rollout.

To use Krome Prem+ drawers for one drawer/rollout when Krome Prem+ has **not** been selected in the cabinet, or you wish to use a Krome Prem+ drawer/rollout from a different drawer guide schedule.

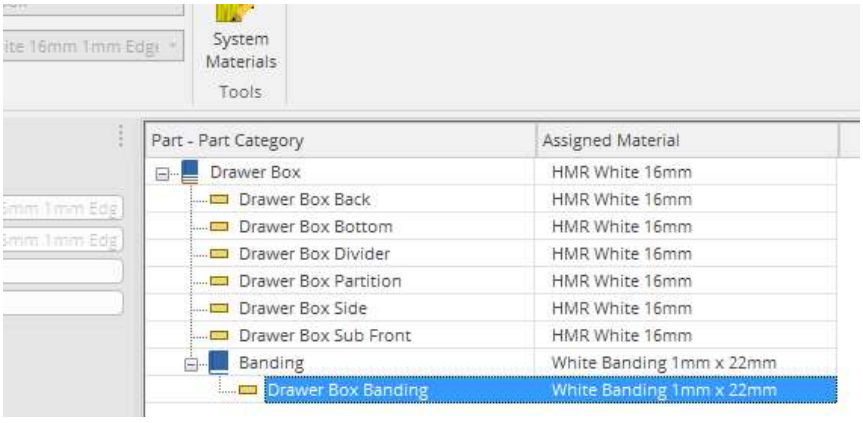
- Take the cabinet into the cabinet editor, click on the section view, and double click on the drawer/rollout to bring up its Properties menu, and then select the Drawer Box or Rollout Tray tab.
- The Construction tab should be set to "**Nover Krome Prem+ Drawer**" or a "**Nover Krome Prem+ inner…**" if it is not already.
- To Change to a different guide type press the "**change**" button.
- Use the "Search" tab and a keyword such as "Krome Prem" to quickly find the guide you want rather than paging through materials..

## Drawer Box Backs Banding Setup

- For the drawer and roll out backs to be banded correctly please run the Construction wizards for the backs in the "**Nover Krome Prem+ Drawer**" and all the "**Nover Krome Prem+ inner…**" construction methods:




- For the drawer box backs and roll out backs to be banded correctly the selected material schedule for "Drawer Box" and "Roll Out" **must** have a suitable edge banding material selected and the Krome Prem+ drawer box and rollout construction methods must have banding applied to the top of the backs.



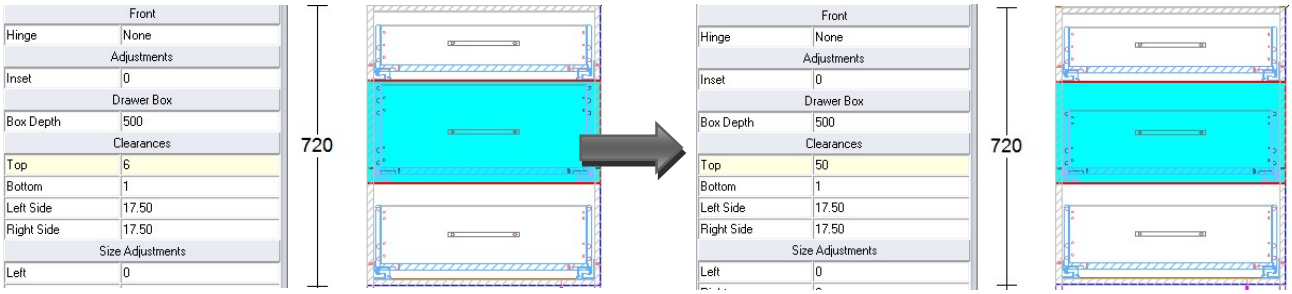

- The material schedules can be edited from the splash screen under the "Main" tab

# Drawer Boxes

## Drawer Box Height Control

When a drawer is first added to a cabinet, Cabinet Vision will always choose the tallest drawer that will fit from the drawer guide schedule, based on the available space.

- The space is determined by the distance between any cabinet or internal parts directly behind the drawer front, minus the drawer guide material top and bottom clearances.
- To select a smaller drawer height, click on the drawer front in the section view.
- Increase the “Top Clearance” in the sidebar until the drawer height you require appears, like this:

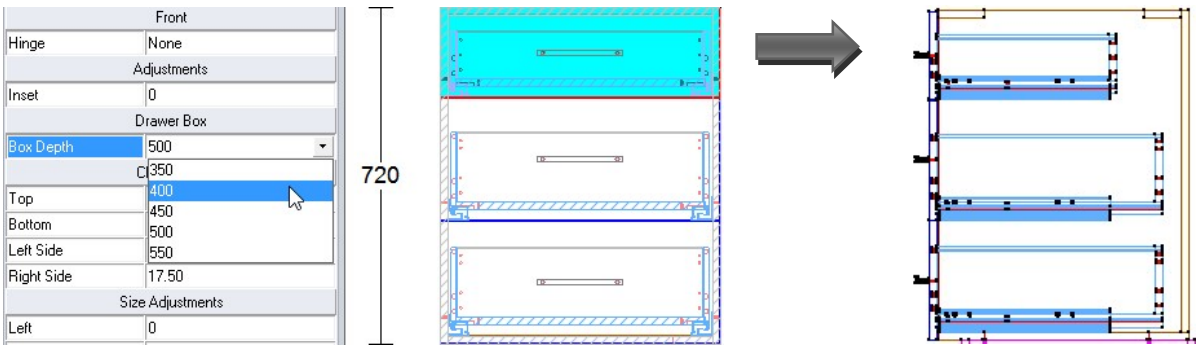



- **NOTE:** *If you are using a drawer leveling UCS (which moves the top drawer boxes up to match the bottom lip reference of the bottom drawer), this may cause those drawer boxes to interfere with an object above them, whether it be the next drawer front, the cabinets top or top stretcher or a drawer stretcher or some other part which would normally not be in the way.*
- *This occurs because the leveling UCS is applied **after** the drawer height selection has been calculated.*
- *To prevent this always check every drawer in the cabinet editor, (preferably with the graphics turned on so you can clearly see any part interference), and reduce the drawer box height using the “Top Clearance” as described above.*

## Drawer Box Depth Control

When a drawer is first added to a cabinet, Cabinet Vision will always choose the deepest drawer that will fit from the drawer guide schedule, based on the available space.

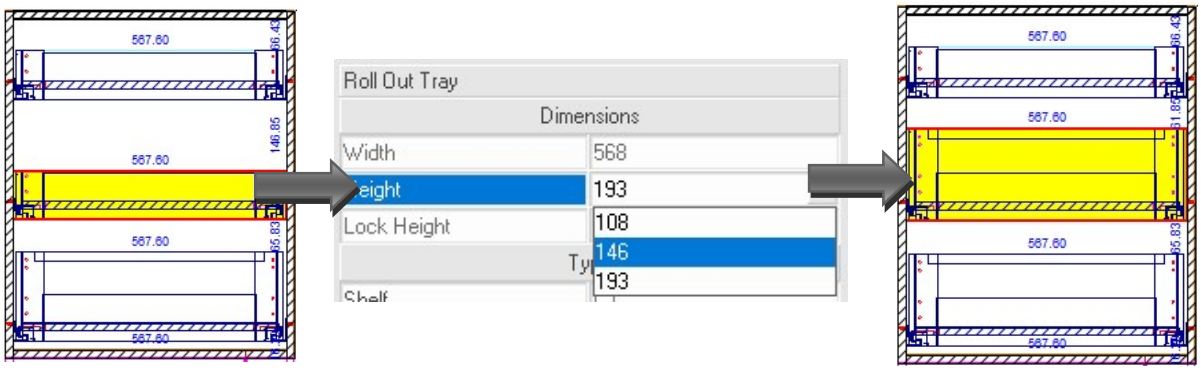
- To select a smaller drawer box depth, click on the drawer front in the section view.
- Choose the “Box Depth” from the dropdown list in the sidebar as shown here:



# Rollouts

## Rollout Height Control

- To add a rollout in the section interior view of the cabinet editor, add a "Split Horz" and then select it and change it to a "Rollout Tray" in the left sidebar. Or use the "Split Multi Horz" function and choose the "Roll-out Tray" button and then press OK.
- When a rollout is first added to a cabinet, Cabinet Vision will choose the height based on the tallest rollout that will fit from the drawer guide schedule, based on the available space.
- To select a different rollout height, click on the rollout in the section interior view and use the sidebar.
- Choose the height from the dropdown box provided as shown here:




- **NOTE:** *The actual heights of the inner drawer are slightly more than the above measurements due to the taller front brackets etc. This may cause the inner drawers to interfere with each other or another cabinet part.*
- *To prevent this always check every rollout in the cabinet editor, so you can clearly see any part interference.*
- *The actual overall heights of the rollouts are as follows:*

1. **108** selection (**90mm profile**) actual height with bracket is **110mm**
2. **146** selection (**128mm profile**) actual height with bracket is **148mm**
3. **193** selection (**175mm profile**) actual height with bracket is **195mm**
4. **239mm profile** is not available for metal fronts

## Rollout Depth Control

- When a rollout is first added to a cabinet, Cabinet Vision will always choose the deepest rollout that will fit from the drawer guide schedule, based on the available space.
- To select a smaller rollout depth, click on the rollout in the section interior view.
- Increase the negative "**Depth**" adjustment in the sidebar until the size required is selected.

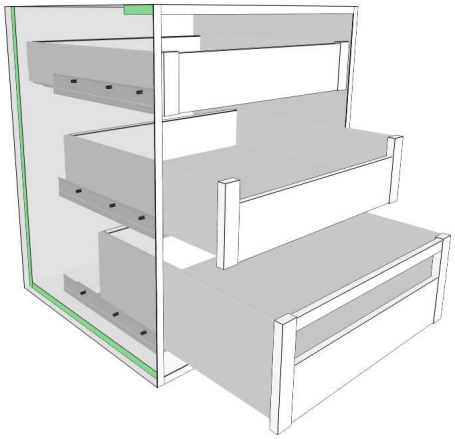
## Rollout Setback

- By default we have set all the metal rollouts back by 16.5mm compared to a drawer. This gives 2mm setback to the front bracket, as the bracket sits 14.5mm proud of the drawer sides.
- ROF or SLAB rollouts are set 21mm back to allow for the fronts.
- **NOTE: The entire rollout including the drilling is moved back, therefore you need to use the SAME mounting holes for rollouts as you do for drawers**

## Rollouts with metal fronts (Nover Krome Prem+ Inner metal)

- This Rollout type will use the metal front piece with brackets and front cross rail.

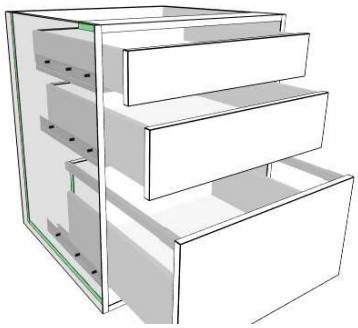
**NOTE**: the 239 height drawers cannot be used with a metal front rollout.



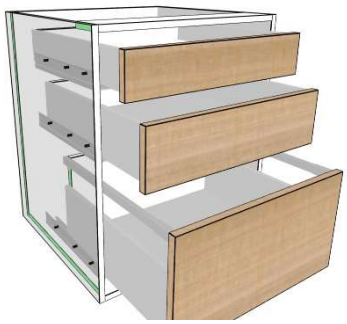
**Metal fronts**

## Rollouts with wooden fronts (Nover Krome Prem+ Inner ROF / SLAB HG / SLAB VG)

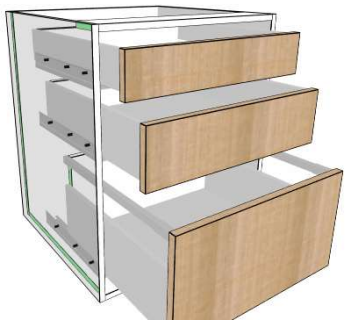
- This Rollout type will not use the metal front piece but will use a Rollout or slab front instead.
- The Rollout front size and banding is set in the Roll Out Wizard – Roll Out Front
- Roll Out Front - Top overhang is -**2mm** (2mm above sides)
- Roll Out Front and Roll Out Guide - The side overhang is **6.5mm** (leaves **3mm gap** between front and end)
- The Bottom overhang is set by the Connection "**ROF_ROBT Nover Krome Prem+**" which sets the overhang to **47mm** below the **TOP FACE** of the bottom (**31mm** below a 16mm bottom)
- You can alter the wizard if you prefer different overhangs.
- The material for the wooden front and its edge banding are set in the **Rollout** Material Schedule.
- The material for the slab front and its edge banding are set in the **Door** Material Schedule.



**ROF fronts**



**SLAB HG Fronts**



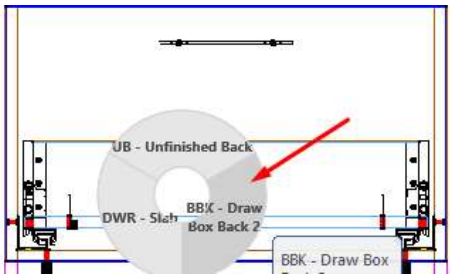
**SLAB VG Fronts**

# Gallery Rails

## Back Attribute

Drawer box backs and Rollout backs have attributes to add gallery rails above the drawer sides.
**NOTE** (For rollouts, only wooden front rollouts can utilize gallery rails, not the metal front rollout)

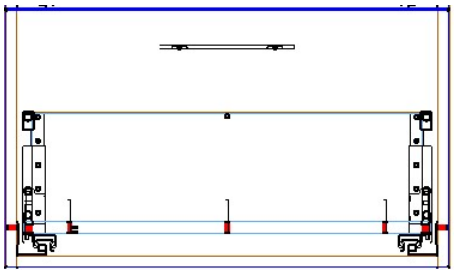
To Activate Gallery Rails select the drawer or rollout back part, in the FACE view of the cabinet editor:



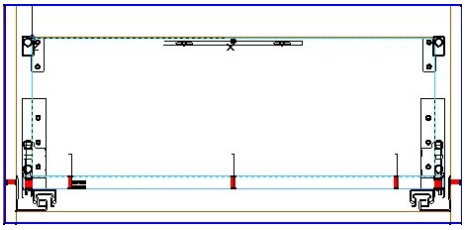

| Attributes | |
|---|---|
| Krome Add Galleries? | True |
| Krome Gallery Height? | 46 |

The following attributes can be used to add up to 2 gallery rails and move them up or down:

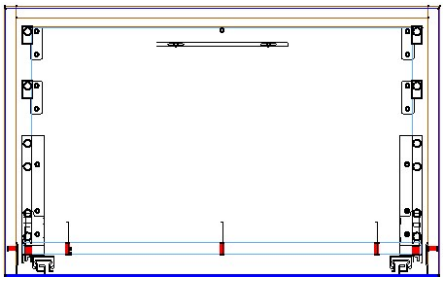
**Krome Add Galleries** – **True**/False Activates 1st Gallery Rail.
**Krome Gallery Height?** – **46mm** Adds 46mm to the drawer/rollout back height for 1st Gallery. Increase value to move gallery up higher. Value of 92mm or more will allow addition of 2nd Gallery Rail:
**Krome Gallery x2?** – **True**/False Activates 2nd Gallery Rail
**Krome Gallery x2 Gap** – **0mm** Allows 2nd Gallery to move further down from 1st Gallery



| Attributes | |
|---|---|
| Krome Add Galleries? | True |
| Krome Gallery Height? | 46 |



| Attributes | |
|---|---|
| Krome Add Galleries? | True |
| Krome Gallery Height? | 80 |



| Attributes | |
|---|---|
| Krome Add Galleries? | True |
| Krome Gallery Height? | 150 |
| Krome Gallery x2 Gap | 30 |
| Krome Gallery x2? | True |

# Drawer Fronts Screwon

## Room Attribute

- The "Draw Front Screwon" Room attribute will change all the drawer front holes to screw holes.

# Drilling Setup

## UCS Public Variables

There are 14 Public Variables in the "**{ DRAWS } -- Nover Krome Prem+ Attributes) "** UCS.

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




Then click on the "**{ DRAWS } -- Nover Krome Prem+ Attributes) "** UCS.

- On the top, side of the screen you will see the Public Variables list:

| Public Variables | |
|---|---|
| Box Bottom Depth | 12mm |
| Box Bottom DIAM | 5mm |
| Front Knockin Depth | 12mm |
| Front Knockin DIA | 10mm |
| Front Screwon Depth | 5mm |
| Front Screwon DIAM | 3mm |
| Gallery Front Depth | 12mm |
| Gallery Front DIA | 10mm |
| Gallery Back Depth | 12mm |
| Gallery Back DIA | 5mm |
| Guide Cabinet Depth | 12mm |
| Guide Cabinet DIA | 5mm |
| Box Back Depth | 12 |
| Box Back DIAM | 5mm |

Each set of holes has a **diameter (DIAM)** and **depth** variable.

**Box Bottom** = Holes in the Drawer box or Rollout bottom for the drawer side profiles
**Front Knockin** = Holes in the Drawer Front for drawer side brackets if Room Attribute "Draw Front Screwon" is False.
**Front Screwon** = Holes in the Drawer Front for drawer side brackets if Room Attribute "Draw Front Screwon" is True.
**Gallery Front** = Holes in the Drawer Front or Rollout Front for Gallery Rail.
**Gallery Back** = Holes in the Drawer back or Rollout back for Gallery Rail Brackets.
**Guide Cabinet** = Holes in the Cabinet for the Drawer or Rollout Guides.
**Box Back** = Holes in the Drawer box or Rollout back for the drawer side profiles.

- If your system is set to inches, simply replace the whole value with the imperial measurement instead.
- Eg 3mm might become **1/8**

**Note: To turn off any of the holes if not required, set the depth to zero.**

## Novers Drawer Bottom Drilling

There are also 2 Public Variables in the **"{ DRAWS } -- Nover Krome Prem+ Parts) "** UCS.

- They set the position of the 3rd and 4th drawer bottom holes (from the back of the drawer)
- The 1st and 2nd hole are set in the drawer guide materials
- Do not change these values unless instructed by Solid Setup+ or Nover.

| Public Variables | |
|---|---|
| Bottom Drilling 3rd Pos from back | 126mm |
| Bottom Drilling 4th Pos from back | 29mm |

## Vertical position of drawers

We have positioned the Krome Prem+ drawers 1mm higher than flush as per Novers recommendation to allow for variances in board thickness. We have achieved this by setting the "Minimum Bottom Clearance" in the drawer guide materials to 1mm instead of 0mm. This was done so that when your carcass material is slightly thicker than the value entered into cabinet vision, the bottom drawer guide position is less likely to interfere with the cabinets deck. If you are using a minipress to drill the drawer fronts you may need to check the fence position. If you do not wish to have this allowance you must change all the drawer guide bottom clearances to 0mm in the material catalog, or if you prefer more tolerance you can increase the value, Be sure to also compensate for any changes on your minipress if required.

## Tools Required

- The drill diameters you choose in the UCS (no 1) Public Variables above are all required for this package to work. You must have these tool diameters in your tool catalog and in your machine.

# Package Exclusions

Some of the drawer drilling shown in various images contained in this document are not included in the Nover Krome Prem+ Package, but come from other packages which are sold separately.

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.