

Hafele Round Hanging Rods - User Guide.



Introduction

Overview

- This Package from Solid Setup Plus adds THE Hafele 19mm and 25mm Round hanging rods to CABINET VISION.
- It provides drilling for the brackets in the cabinet parts for CNC output.
- (You can change the drilling diameters and depths to the tool you want to use.)
- It also adds 3d models for the rods, pillars and brackets etc.
- End bracket selections are: oval horizontal - oval vertical - round (25mm only) – or end pillar.
- Oval vertical end brackets can have the hole quantity increased for adjustable height rods.
- 1 or 2 centre pillars can be added if required.
- All materials for ordering contain the Hafele order number in the SKU.
- Closet Module not required.

Included in This Package

Materials:

- Rod Round Activator 19mm Chrome
- Rod Round Activator 25mm Chrome
- Rod Round 19 x 2500 Chrome
- Rod Round 19 x 3600 Chrome
- Rod Round 25 x 2500 Chrome
- Rod Round End Supp Oval 18mm Chrome
- Rod Round End Supp Oval 25mm Chrome
- Rod Round End Supp Round 25mm Chrome
- Rod Round Centre Pillar 18mm Chrome
- Rod Round Centre Pillar 25mm Chrome
- Rod Round End Pillar 18mm Chrome
- Rod Round End Pillar 25mm Chrome

Description

- Rod Round Activator material for 19mm rod
- Rod Round Activator material for 25mm rod
- Rod material for ordering
- Rod material for ordering
- Rod material for ordering
- Rod end support 18mm oval shape
- Rod end support 25mm oval shape
- Rod end support 25mm round shape
- Rod Centre support pillar 18mm
- Rod Centre support pillar 25mm
- Rod end support pillar 18mm
- Rod end support pillar 25mm

Parts: Name Description

- "BRKT" Bracket
- "ROD" Rod

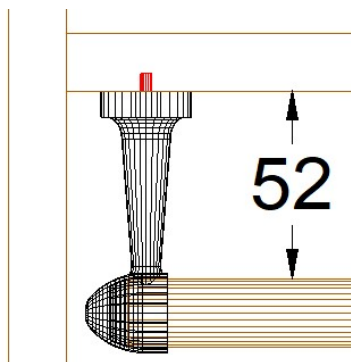
User Created Standards

- { RODS } – Hafele Rods Round

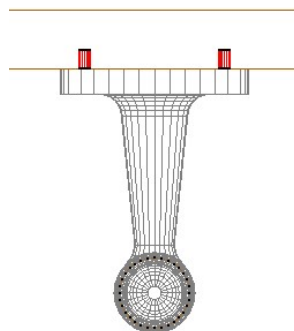
Library

- "Solid Setup Plus" CABINET VISION Catalog of Library parts

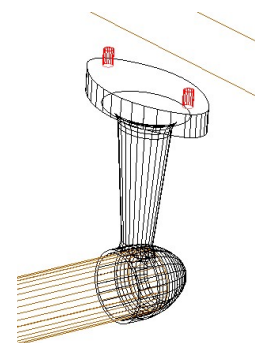
Round Hanging Rod Diagrams



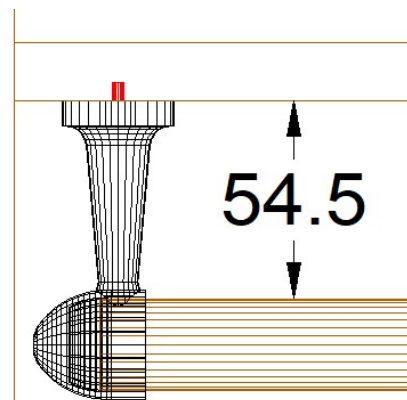
19mm Rod Pillar Gap



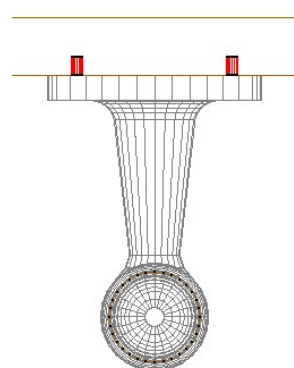
19mm Rod Pillar Side View



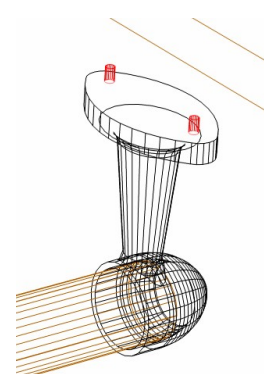
19mm Rod End Pillar



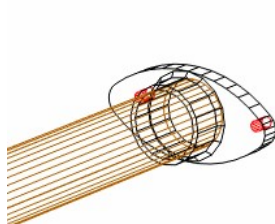
25mm Rod Pillar Gap



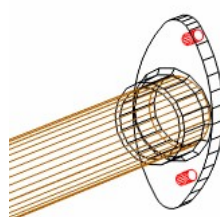
25mm Rod Pillar Side View



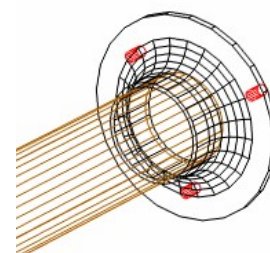
25mm Rod End Pillar



Oval Horizontal End Support



Oval Vertical End Support



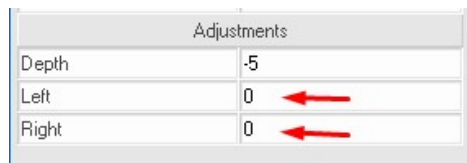
Round End Support (25mm)

Round Hanging Rod Usage

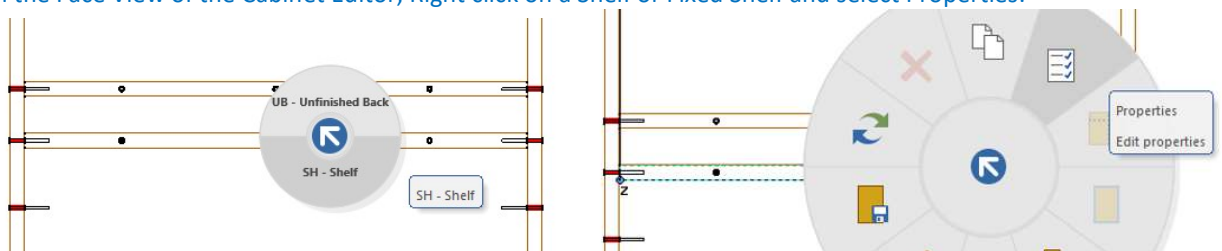
Activation.

The Round hanging rods can be activated by changing the material of a Shelf or Fixed Shelf to “Rod Round Activator 19mm Chrome” or “Rod Round Activator 25mm Chrome”

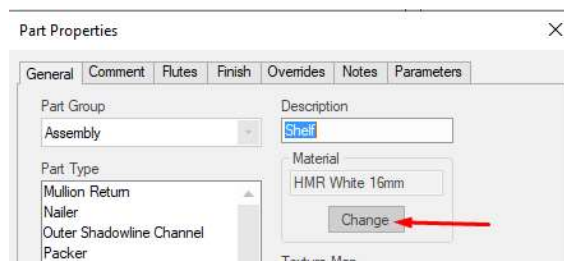
Firstly ensure the shelf has its left and right size adjustments set to zero:



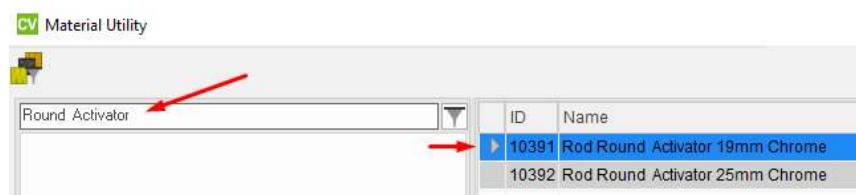
In the Face View of the Cabinet Editor, Right click on a Shelf or Fixed Shelf and select Properties:



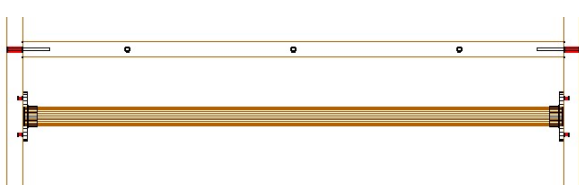
Press the Change button to change the material:



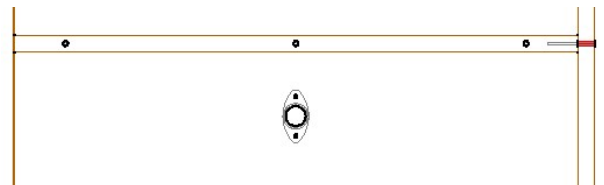
Search for 'Round Activator'



Click on the arrow next to the material you want for 19mm or 25mm rod
 Press OK. The Shelf will now change to a Round Rod:



Front View

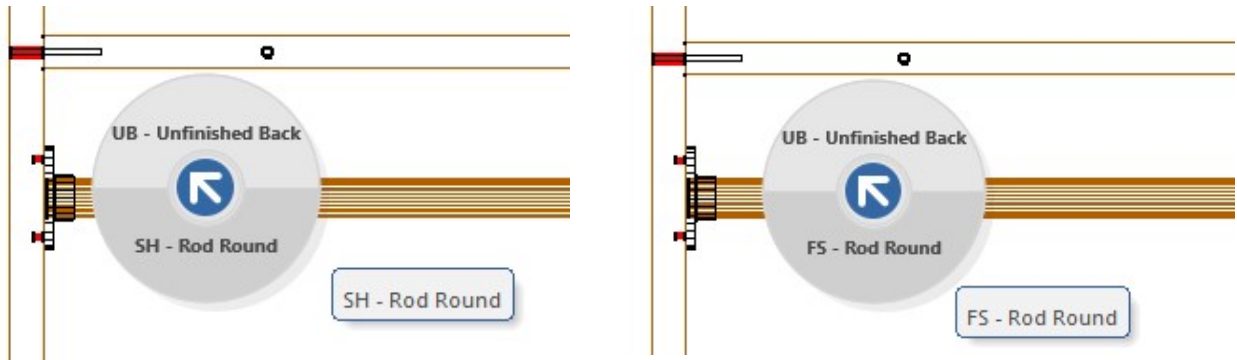


Side View

Part Attributes:

Select the Oval Rod in the Face View

The rod will appear in the selection as either 'SH – Rod Round' or 'FS – Rod Round' depending on which part you used:



The following attributes are added to the Rod:

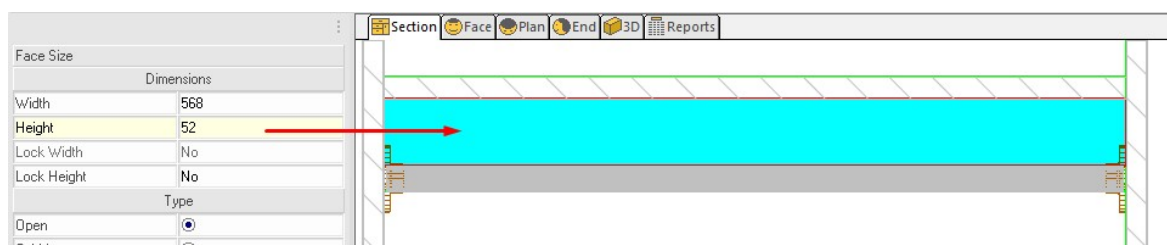
- | | |
|--------------------------|--|
| • Rod Round Bracket Lh | Selects the Left end support type: |
| • Rod Round Bracket Rh | Selects the Right end support type: |
| 1. Oval Bracket Horiz | Oval support with 2 holes front to back |
| 2. Oval Bracket Vert | Oval support with 2 or more holes running vertically |
| 3. Round Bracket | Round support with three holes (25mm rods ONLY!) |
| 4. End Pillar | End support pillar mounted to shelf above |
| • Rod Round Hole Qty | Change hole quantity (for Vertical Oval supports <u>ONLY</u>) |
| • Rod Round In/Out | Controls the In/Out position (default is Centre) |
| • Rod Round Pillar Qty | Centre pillar qty (Auto based on length, 1 or 2). |
| • Rod Round Pillar holes | Allows the Centre and end pillar holes to be turned off. |
| • Rod Round Pillar 1 | Allows the Centre pillar 1 position to be changed. |
| • Rod Round Pillar 2 | Allows the Centre pillar 2 position to be changed. |

NOTE: The hole quantity for the vertical oval brackets can be used to create a rod with adjustable height positions. Therefore, if there is an end pillar at one end, or a Centre pillar, this value is reset to 2, as the height is fixed.

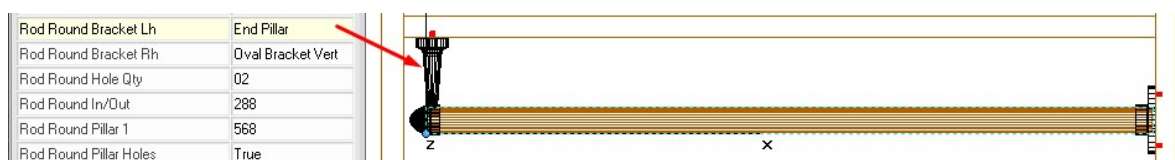
To use Centre Pillars or End Pillars ensure the gap above the rod (in Section View), is as follows:

19mm Rods – Standard Gap is 52mm – (Gap range 52 to 54 mm)

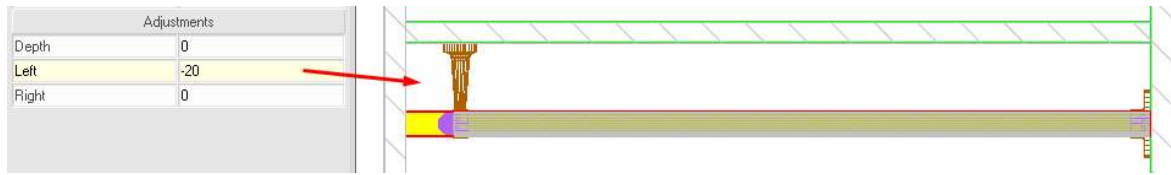
25mm Rods – Standard Gap is 54.5mm – (Gap range 54.5 to 56.5 mm)



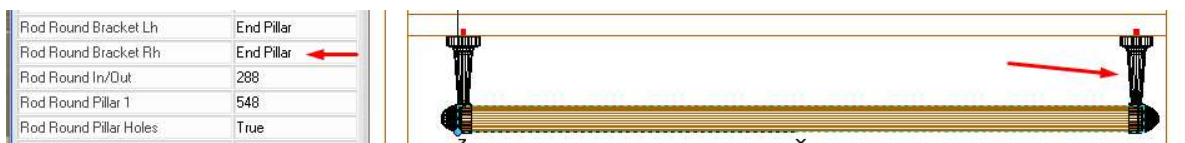
Change the 'Rod Round Bracket Lh' to an End Pillar (Must be in Face View):



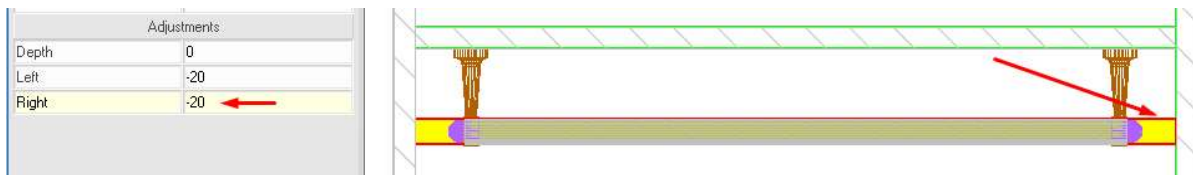
To move the Left Pillar away from the end, use the Left Adjustment (Must be in the Section View):



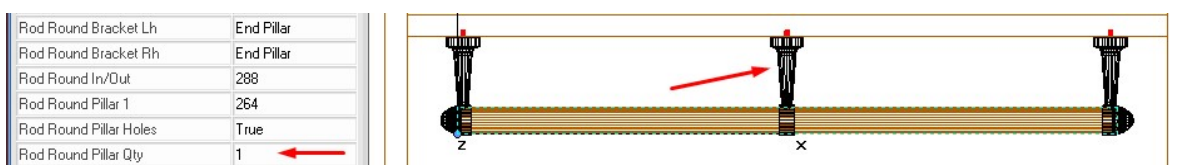
Change the 'Rod Round Bracket Rh' to an End Pillar (Must be in Face View):



To move the Right Pillar away from the end, use the Right Adjustment (Must be in the Section View):



To change the Centre Pillar quantity manually, use the 'Rod Round Pillar Qty' attribute (Must be in Face View):



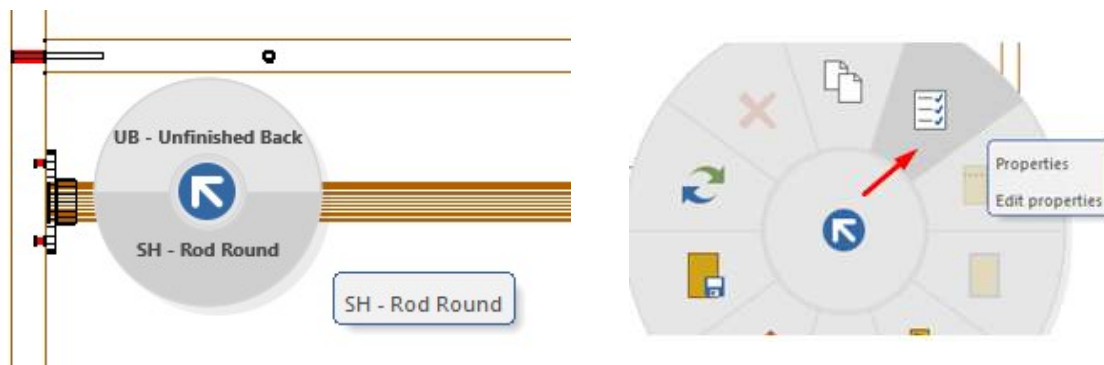
Note: The Centre pillar quantity is automatic until attribute is changed.
 The UCS Public variables (Below) determines when a rod is long enough for 1 or 2 pillars.
 To reset to the attribute to automatic, select 'Auto' from the list.

Change Rod Back to Shelf

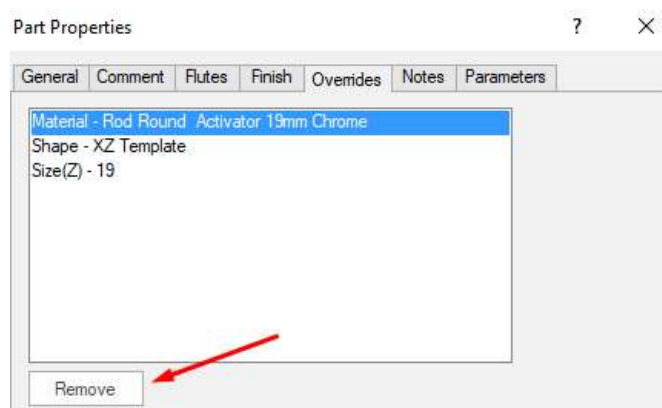
Remove Material Override

To change the Rod back to its original shelf one way is to remove the material override

Right Click on the Rod and select Properties:



Click on the Overrides Tab and remove the material override:



Now Press OK and the shelf will return.

Change Shelf in Section View

- Another way to change the rod back to a shelf is to first change it to a different shelf in the section view and then back to the Shelf or Fixed Shelf you started with.
- Alternatively, you could delete it and then add it again.

Drilling Setup

UCS Public Variables

There are 7 Public Variables for the "{ RODS } -- Hafele Rods Round " UCS.

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



Then click on the "{ RODS } -- Hafele Rods Round " UCS.

On the top left-hand side of the screen you will see the Public Variables list for the UCS.

Public Variables	
Preferred 19mm Bracket	Oval Bracket Horiz
Preferred 25mm Bracket	Round Bracket
Rod End Bracket Gap	2mm
Rod End Pillar Gap	5mm
Vert Oval Bracket Hole Qty	02
Pillar 1 Length	1500mm
Pillar 2 Length	2200mm

Public variables:

Preferred 19mm Bracket = Preferred end support for 19mm rods (Oval Bracket Horiz/Oval Bracket Vert)

Preferred 25mm Bracket = Preferred end support for 25mm rods (Oval Bracket Horiz/Oval Bracket Vert/Round)

Rod End Bracket Gap = Gap between end of rod and side of cabinet. (The cutting size for the rod will be decreased by this value for end brackets).

Rod End Pillar Gap = Gap between edge of end pillar and side of cabinet. (The cutting size for the rod will be decreased by this value plus the distance the rod does not protrude into the end pillar).

Vert Oval Bracket Hole Qty = Preferred support hole quantity for Vertical Oval end brackets (2,4,6,8... to 20)

Pillar 1 Length = Length Rod needs to be for one pillar to appear automatically.

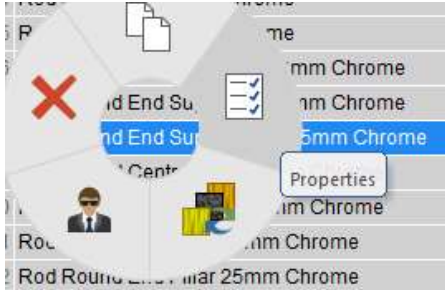
Pillar 2 Length = Length Rod needs to be for two pillars to appear automatically.

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

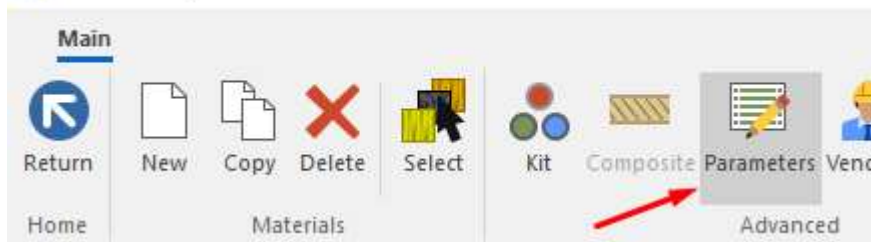
Material Parameters

The drilling sizes for the brackets and pillars are provided as material parameters.

To edit the sizes, in the Material Manager, right click on the material and select properties:



Click the parameters button:



Change the following values to your requirements:

[Rod Round End Supp Oval 18mm Chrome](#)

[Rod Round End Supp Oval 25mm Chrome](#)

Name	Description	Type	Value
VBORE_DX	Drill Diameter	Measurement	3mm
VBORE_DZ	Drill Depth	Measurement	5mm

[Rod Round End Supp Round 25mm Chrome](#)

Name	Description	Type	Value
VBORE_DX	Drill Diameter	Measurement	3mm
VBORE_DZ	Drill Depth	Measurement	5mm
VBORE_POS	Drill Distance from Center	Measurement	22.5mm

NOTE: the VBORE_POS for the round support is the “radius” for the circle of 3 holes. This value should not be changed.

[Rod Round Centre Pillar 18mm Chrome](#)

[Rod Round Centre Pillar 25mm Chrome](#)

[Rod Round End Pillar 18mm Chrome](#)

[Rod Round End Pillar 25mm Chrome](#)



Name	Description	Type	Value
VBORE_DX	Drill Diameter	Measurement	3mm
VBORE_DZ	Drill Depth	Measurement	5mm

Tools Required

- The drill diameter you choose in materials above is required for this package to work. You must have a drill bit matching this diameter in your tool catalog and in your machine.