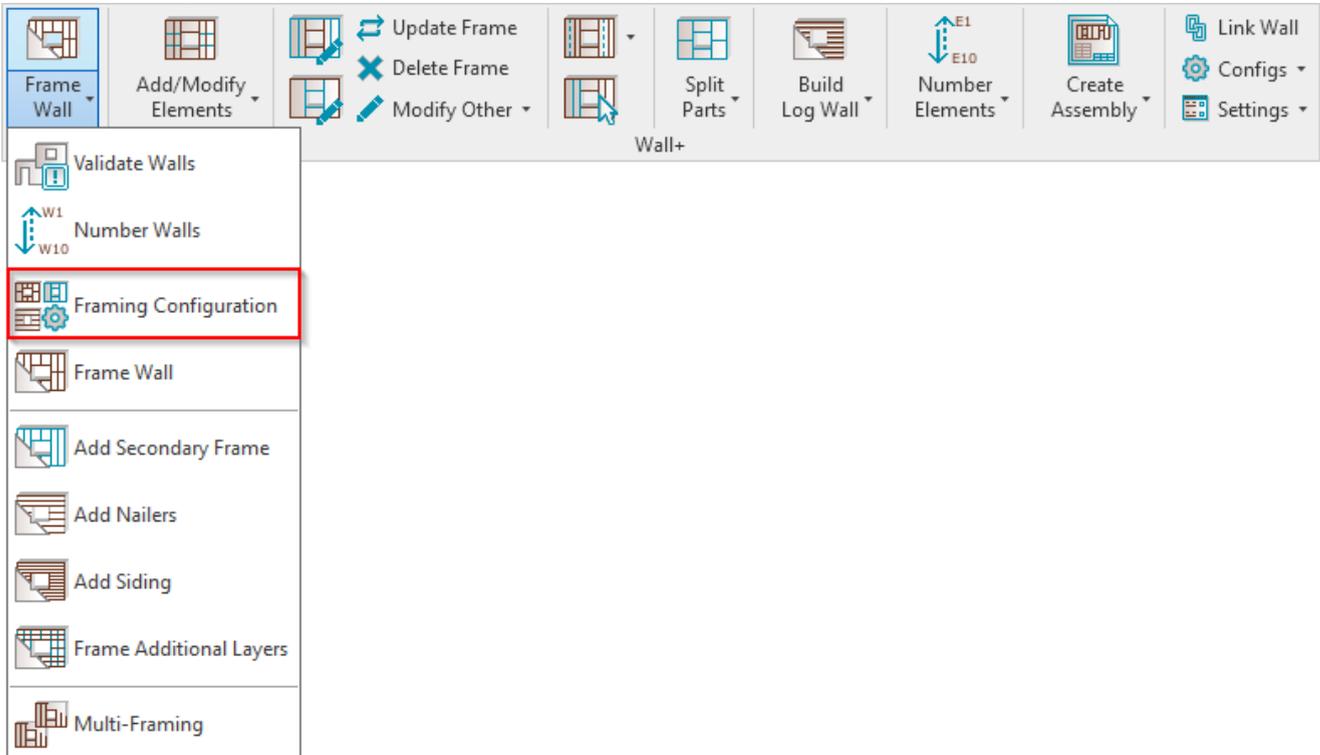


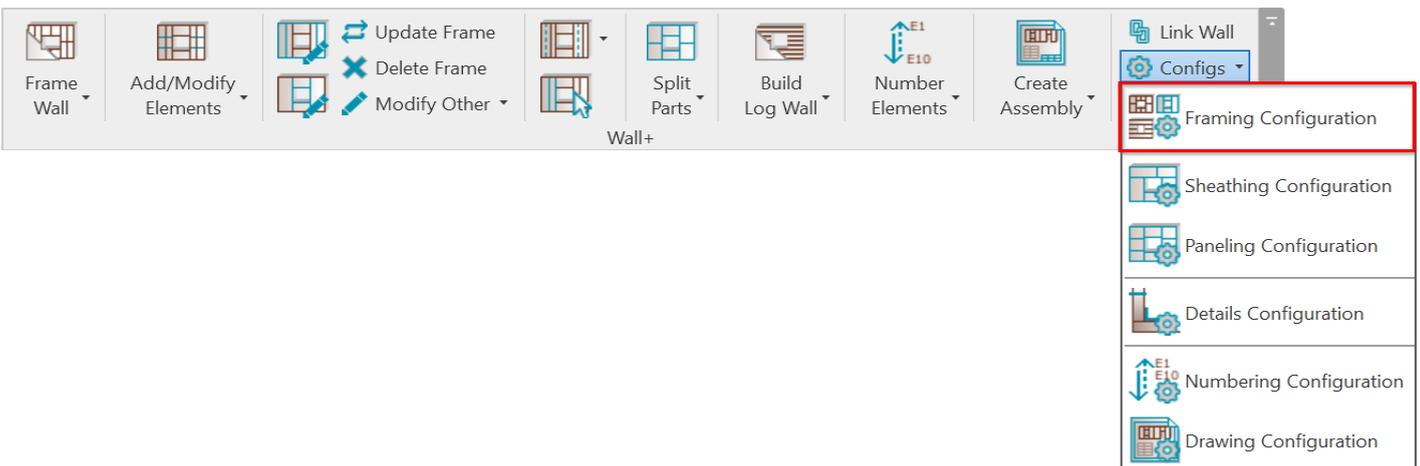
# FRAMING CONFIGURATION – Opening Framing – Edit Window/Window Join Framing or Window/Door Join Framing

Modified on: Sun, 8 Nov, 2020 at 8:20 PM

**Framing Configuration** may be found in two locations:



OR:



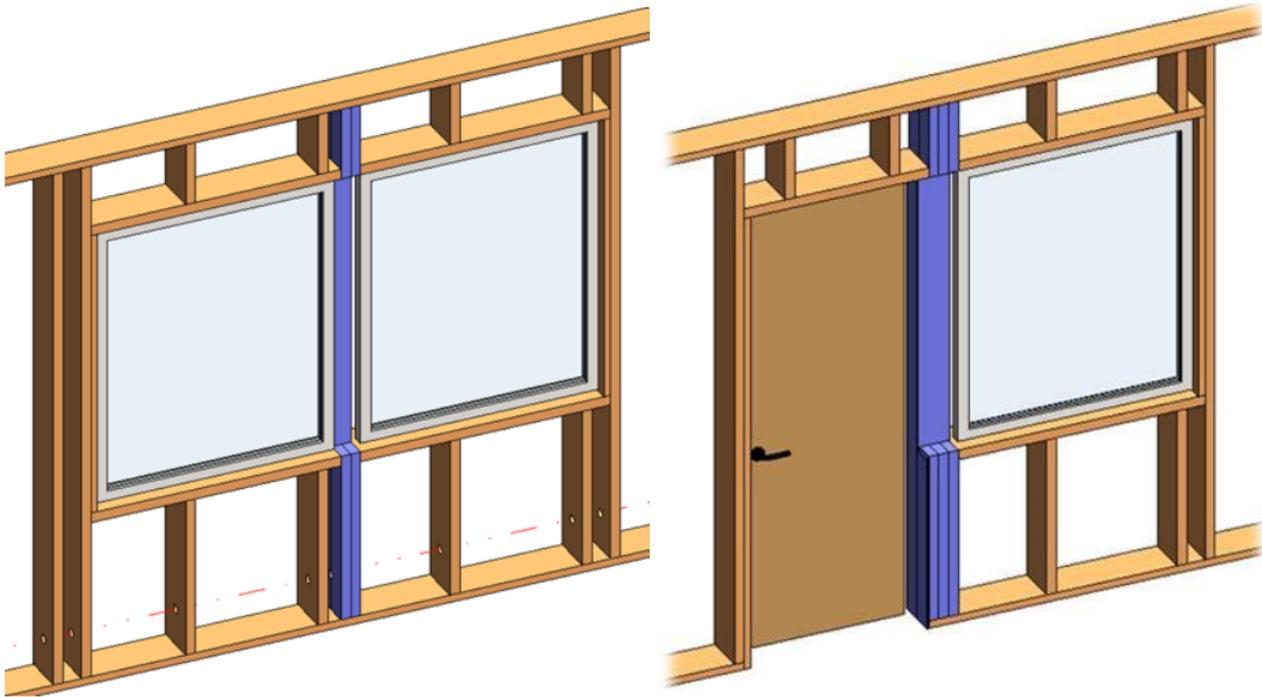
## Window – Window Join Framing and Window – Door Join Framing

**Window – Window Join Framing** and **Window – Door Join Framing** configuration settings are used to predefine Left, Right, Middle, and Center Top or Bottom Trimmers and Cripples. Settings are saved under separate configuration name and can be adjusted for different join sizes (From – To).

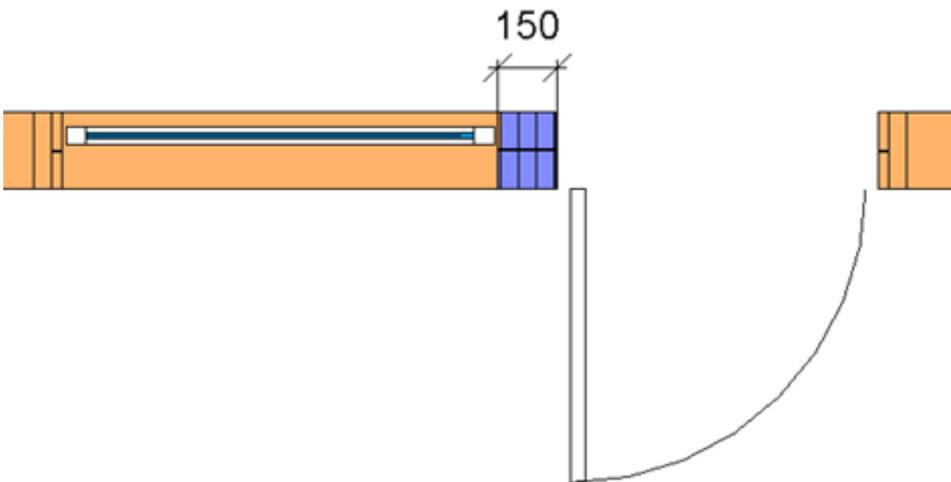
From	To	Configuration	Preassembled	Opening Element Preassembled
0	200	M_Window-Window Non-beari	<input type="checkbox"/>	<input type="checkbox"/>

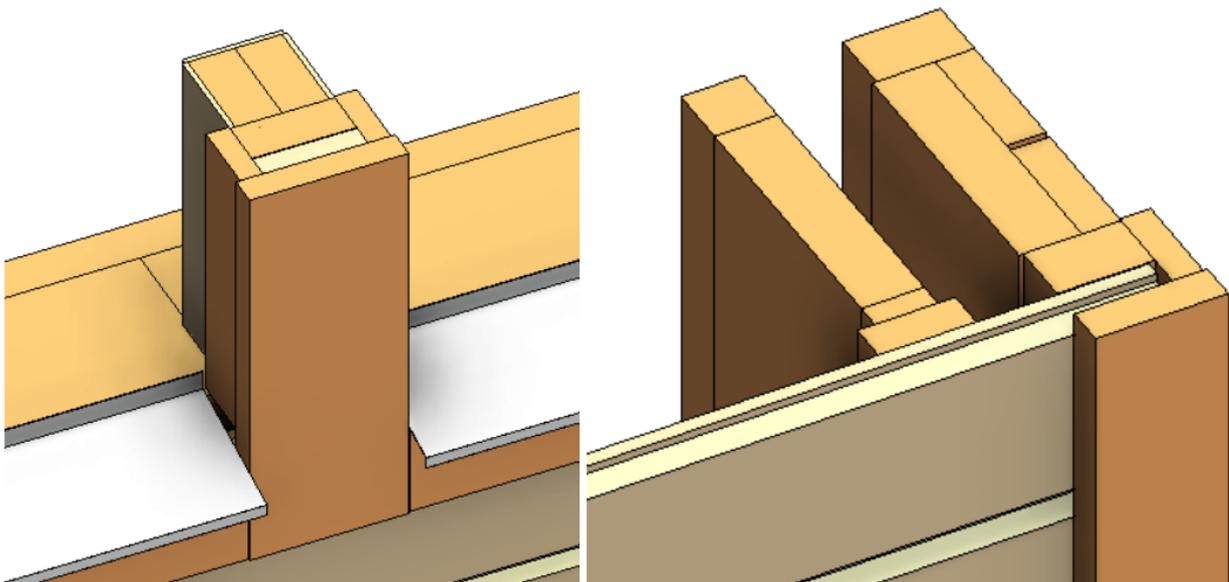
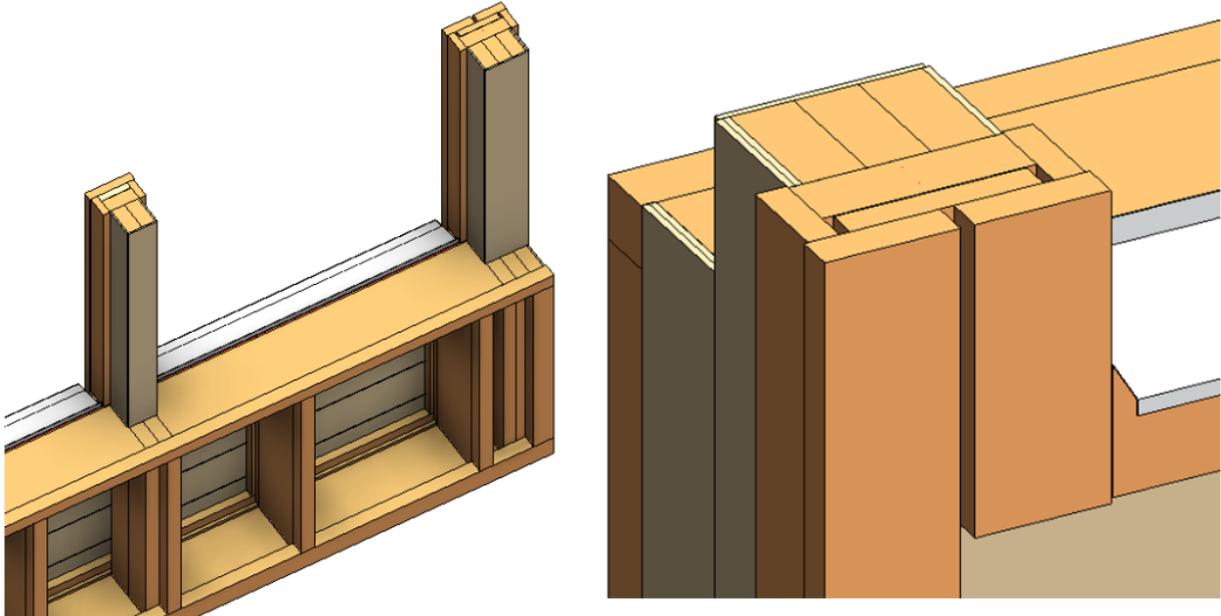
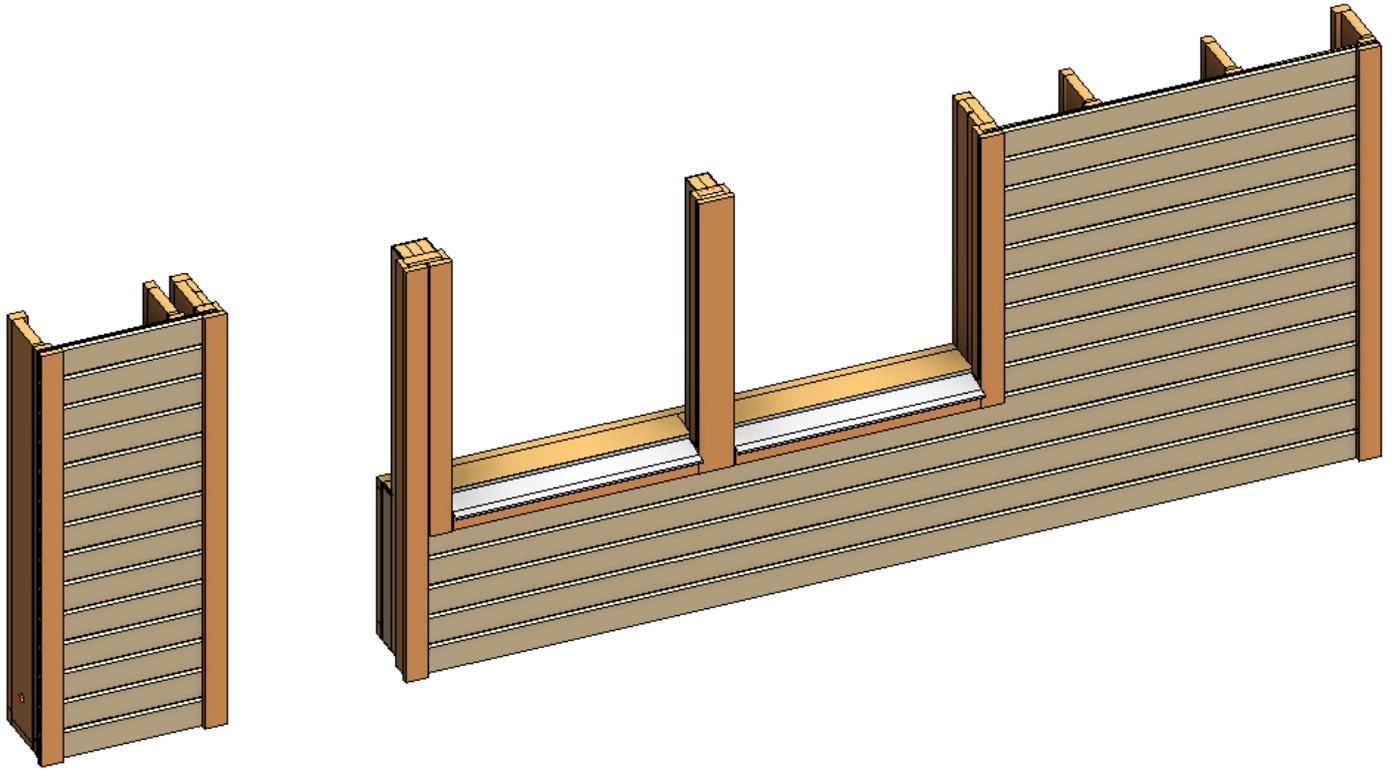
From	To	Configuration	Preassembled	Opening Element Preassembled
0	200	M_Window-Window Bearing Fr	<input type="checkbox"/>	<input type="checkbox"/>



Example: **From** = 0, **To** = 180. If the distance between openings is smaller than 180, then the openings will be joined and the trimmers or cripples will be modified with **Edit Configuration**.

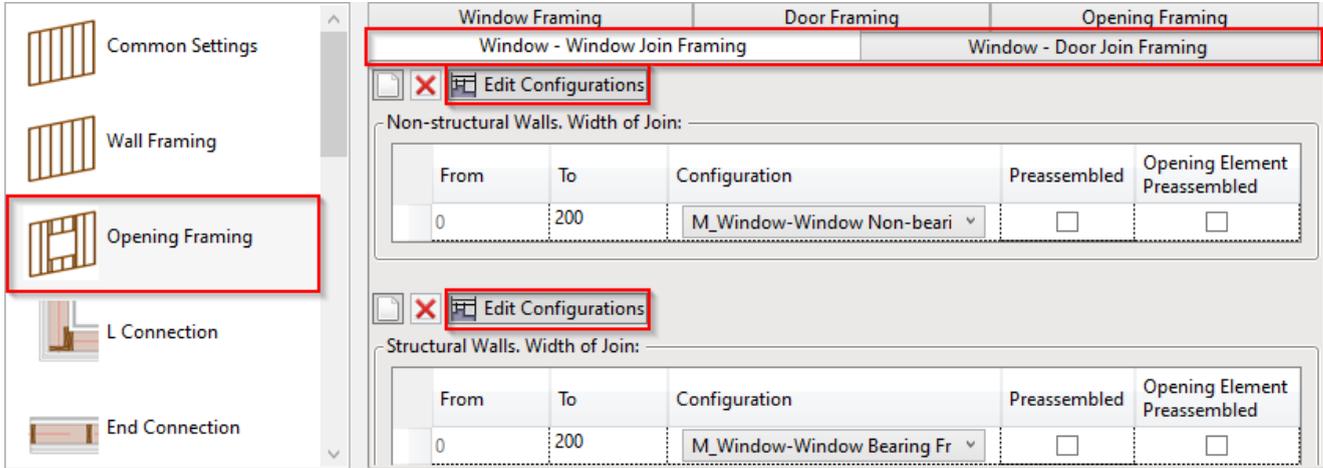


Examples with complex joins:



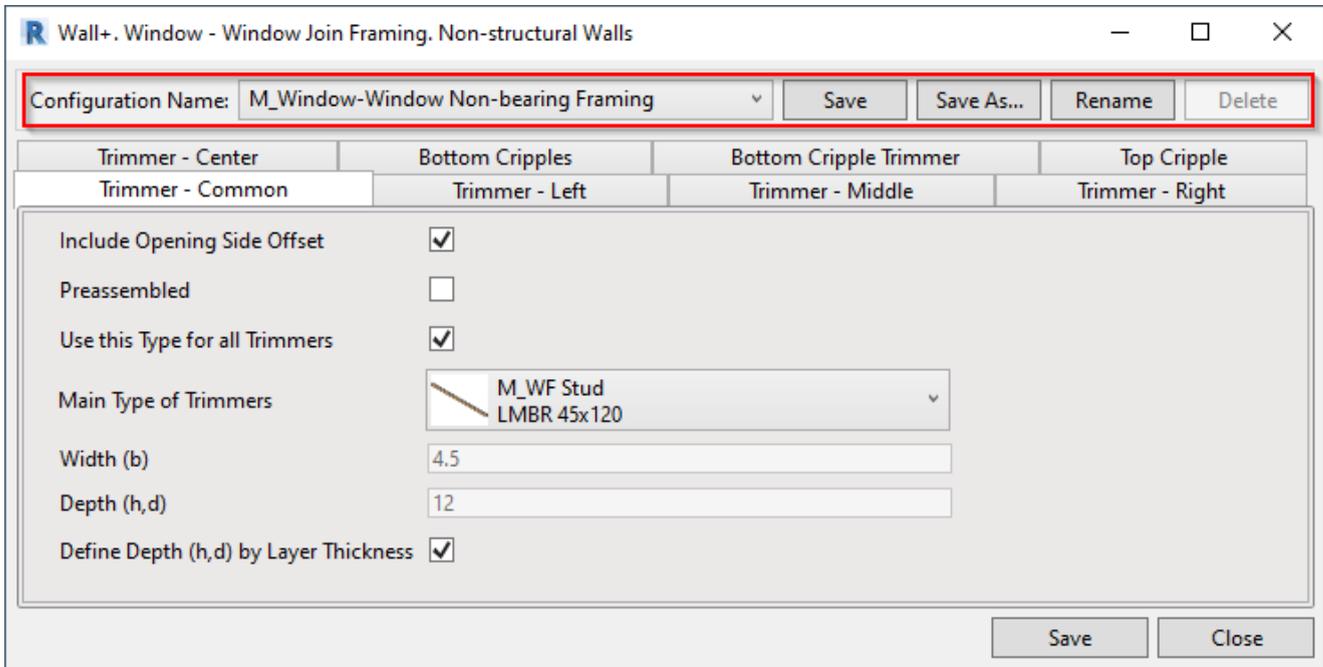
### Edit Configuration

In order to edit, create new, rename, or delete opening framing configuration, you have to click **Edit Configurations** for the structural or non-structural walls:



Default configurations will come together with the software. Default path to opening configurations is:  
C:\Users\user name\AppData\Roaming\Tools 4 Revit\Wall+(version) Configurations\Framing Configurations\Metric or Imperial\custom configuration name\WindowWindowJoins

It saves all the settings of trimmers, cripples that are listed down below in the dialog:



### Trimmers

Trimmer - Center	Bottom Cripples	Bottom Cripple Trimmer	Top Cripple
Trimmer - Common	Trimmer - Left	Trimmer - Middle	Trimmer - Right
<div style="border: 1px solid gray; padding: 5px;"> <div style="border: 2px solid red; padding: 2px;">           Include Opening Side Offset <input checked="" type="checkbox"/> </div> <div>             Preassembled <input type="checkbox"/> </div> <div>             Use this Type for all Trimmers <input checked="" type="checkbox"/> </div> <div>             Main Type of Trimmers <span style="border: 1px solid gray; padding: 2px;">  M_WF Stud LMBR 45x120           </span> </div> <div>             Width (b) <input type="text" value="4.5"/> </div> <div>             Depth (h,d) <input type="text" value="12"/> </div> <div>             Define Depth (h,d) by Layer Thickness <input checked="" type="checkbox"/> </div> </div>			

**Include Opening Side Offset** – controls whether or not the joined opening should have offsets around the opening, which come from single opening settings **Offsets**.

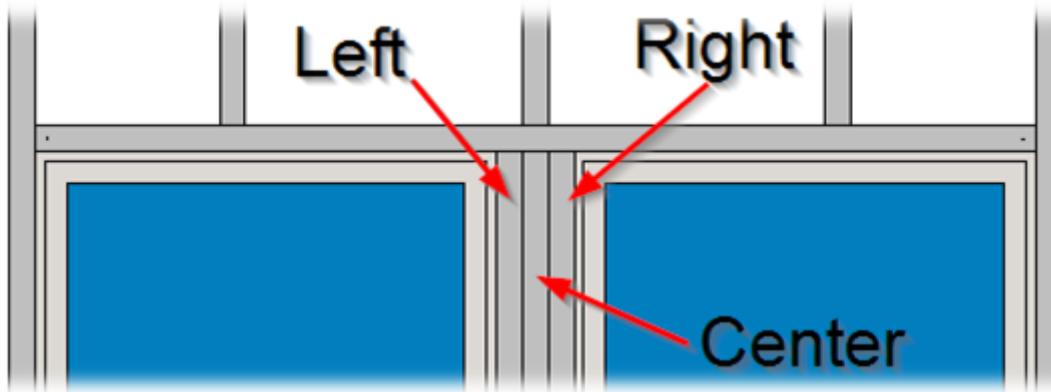
There are common settings for trimmers where you can predefine the type and automatically define the depth by layer thickness. With **Use this Type for all Trimmers** you can automatically change the selected type for all left, right, middle, or center trimmers.

Trimmer - Center	Bottom Cripples	Bottom Cripple Trimmer	Top Cripple
Trimmer - Common	Trimmer - Left	Trimmer - Middle	Trimmer - Right
<div style="border: 1px solid gray; padding: 5px;"> <div>             Include Opening Side Offset <input checked="" type="checkbox"/> </div> <div>             Preassembled <input type="checkbox"/> </div> <div style="border: 2px solid red; padding: 2px;">             Use this Type for all Trimmers <input checked="" type="checkbox"/> </div> <div>             Main Type of Trimmers <span style="border: 1px solid gray; padding: 2px;">  M_WF Stud LMBR 45x120           </span> </div> <div>             Width (b) <input type="text" value="4.5"/> </div> <div>             Depth (h,d) <input type="text" value="12"/> </div> <div>             Define Depth (h,d) by Layer Thickness <input checked="" type="checkbox"/> </div> </div>			

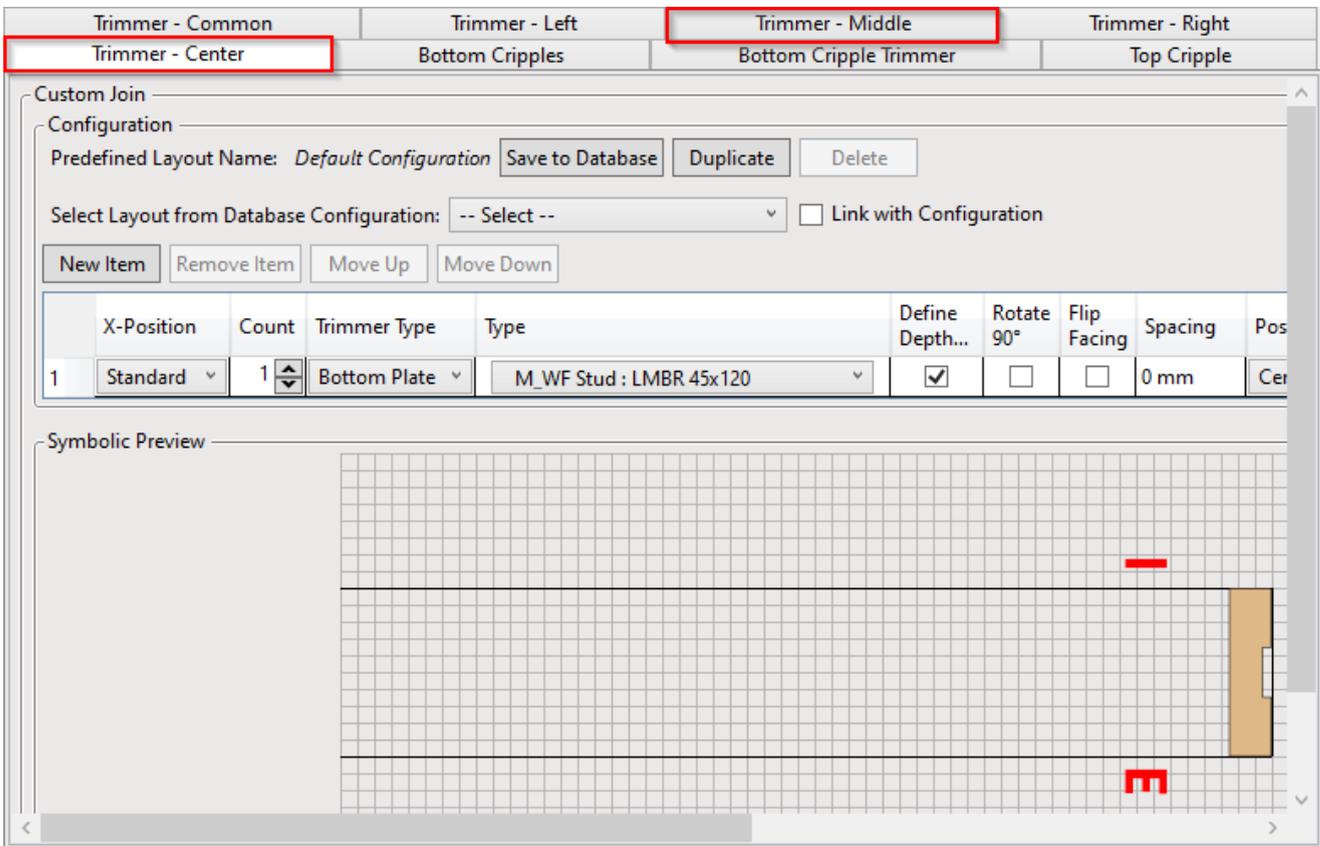
Here you can control **Left** and **Right** trimmers:

	X-Position	Count	Trimmer Type	Type	Define Depth...	Rotate 90°	Flip Facing	Spacing	Pos
1	Standard	1	Bottom Plate	M_WF Stud : LMBR 45x120	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0 mm	Cer

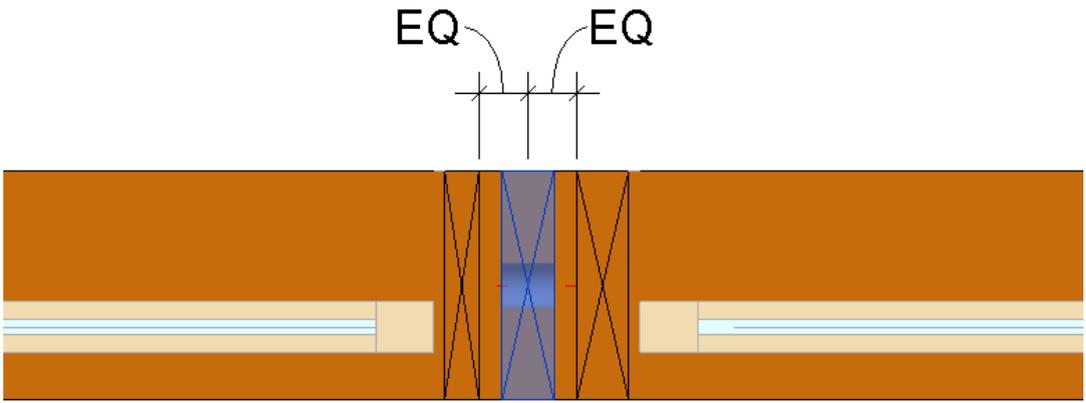
Left and Right positions from external side:



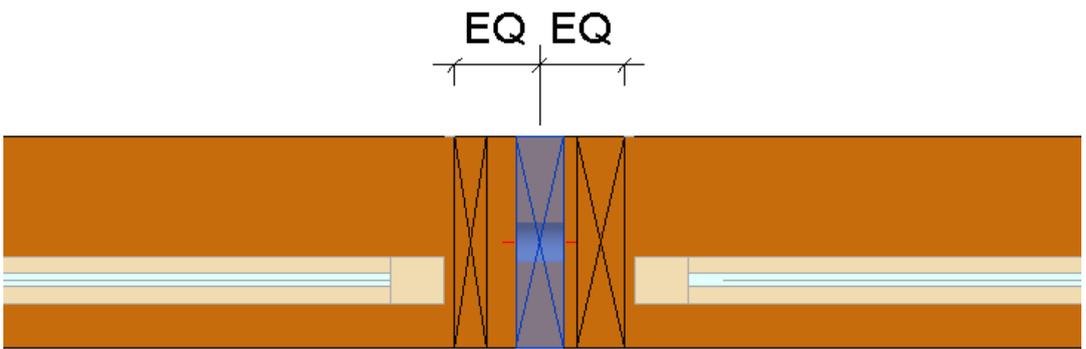
Here you can control **Middle** and **Center** trimmers:



**Middle** trimmers will be added equidistant from left and right trimmers:



**Center** trimmers will be added equidistant from left and right openings:



Here you can control **Bottom Cripple Trimmer**:

Trimmer - Common	Trimmer - Left	Trimmer - Middle	Trimmer - Right
Trimmer - Center	Bottom Cripples	<b>Bottom Cripple Trimmer</b>	Top Cripple

Custom Join

Configuration

Predefined Layout Name: *Default Configuration*

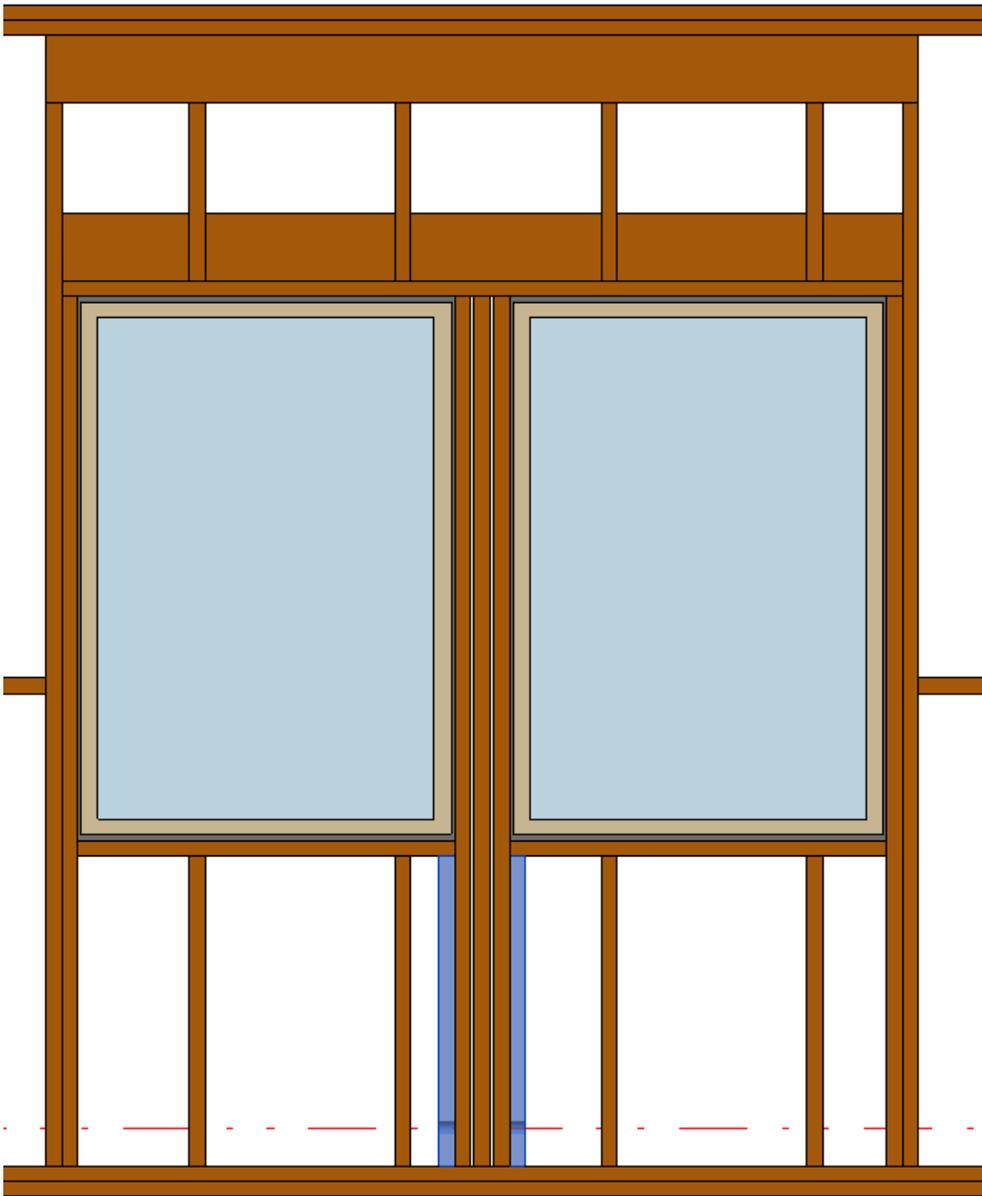
Select Layout from Database Configuration:   Link with Configuration

	X-Position	Count	Type	Define Depth...	Rotate 90°	Flip Facing	Spacing
1	Left	1	M_WF Stud : LMBR 45x120	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0 mm
2	Right	1	M_WF Stud : LMBR 45x120	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0 mm

Symbolic Preview

The symbolic preview shows a grid with two vertical studs. The left stud is labeled 'Left' and the right stud is labeled 'Right'. Both studs are orange and have a notch in the center. The studs are positioned symmetrically around a central vertical line.

*Example: Number of Bottom Trimmer Studs/Joists = 1:*

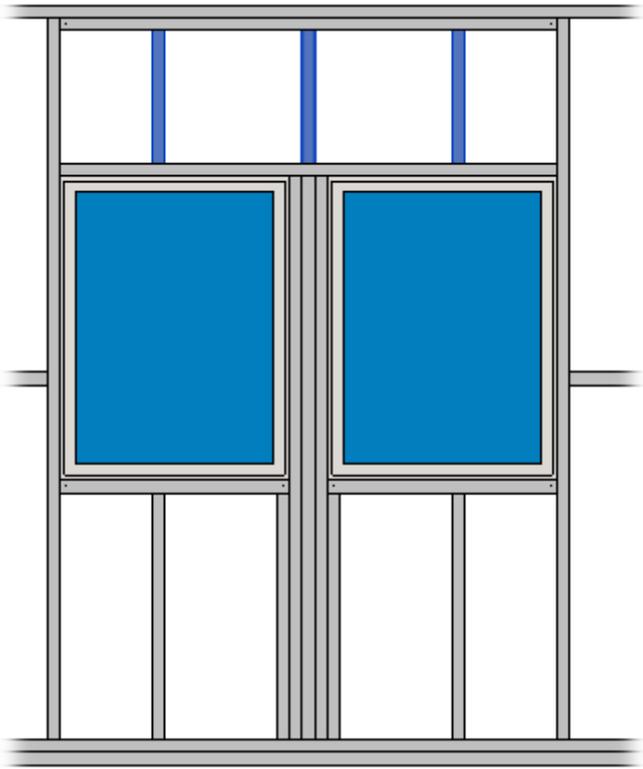


Here you can control **Top Cripples**:

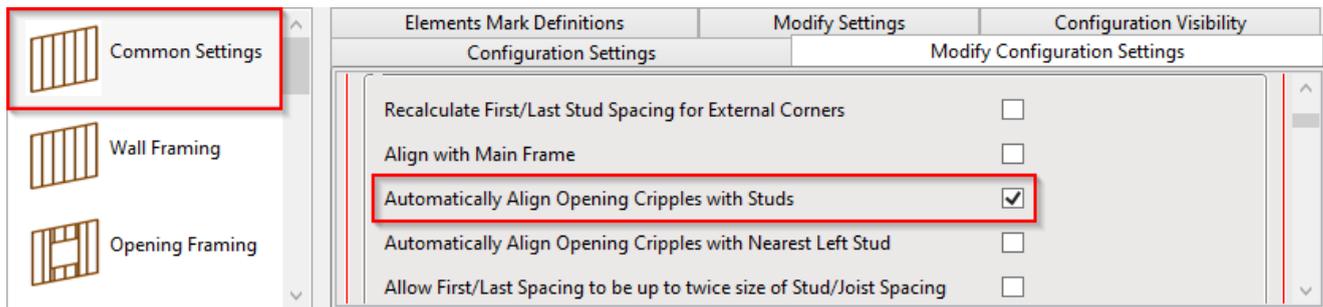
Trimmer - Common	Trimmer - Left	Trimmer - Middle	Trimmer - Right
Trimmer - Center	Bottom Cripples	Bottom Cripple Trimmer	<b>Top Cripple</b>

Joined layout of Cripple Studs/Joists	<input checked="" type="checkbox"/>
Define Top Cripple Studs/Joists by Spacing	<input checked="" type="checkbox"/>
Spacing Type	Centered
Spacing of Top Cripple Studs/Joists	600
Number of Top Cripple Studs/Joists	2



Note: **Top/Bottom Cripples** will work in joined windows if **Automatically Align Opening Cripples with Studs** is switched OFF near **Common Settings**. If it is ticked ON, then the cripples will be aligned with the main framing studs.



### Custom Join

Trimmer - Common	Trimmer - Left	Trimmer - Middle	Trimmer - Right
Trimmer - Center	Bottom Cripples	Bottom Cripple Trimmer	Top Cripple

Custom Join

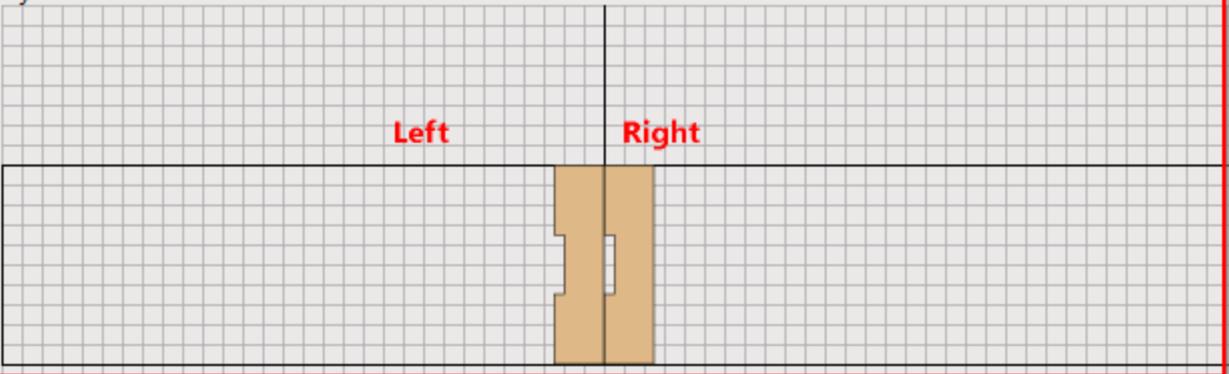
Configuration

Predefined Layout Name: *Default Configuration*

Select Layout from Database Configuration: -- Select --  Link with Configuration

	X-Position	Count	Type	Define Depth...	Rotate 90°	Flip Facing	Spacing
1	Left	1	M_WF Stud : LMBR 45x120	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0 mm
2	Right	1	M_WF Stud : LMBR 45x120	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0 mm

Symbolic Preview



**Custom Join** – is a multi-functional dialog where user can define rules for joins including size, count, position, rotation, spacing, alignment etc. All these rules can be saved and used in other framing configurations or shared with other users. This type of dialog is used frequently in our products, so here you can find [Custom Join detailed description >>](https://agacad.freshdesk.com/support/solutions/articles/44001990031-custom-join) (<https://agacad.freshdesk.com/support/solutions/articles/44001990031-custom-join>)