



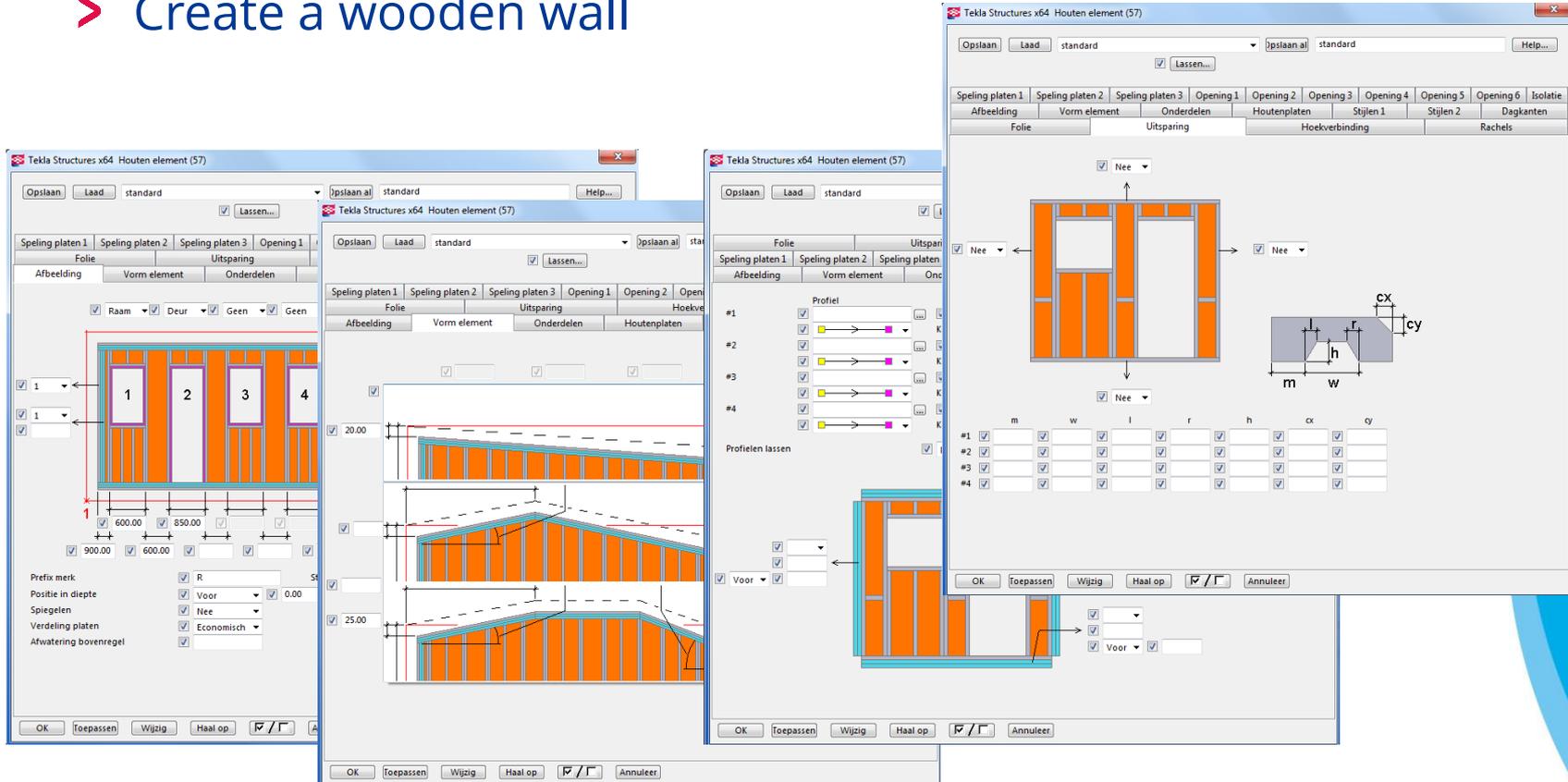
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# Construsoft Library Tools 2020

## Timber

# Wood wall (57)

> Create a wooden wall



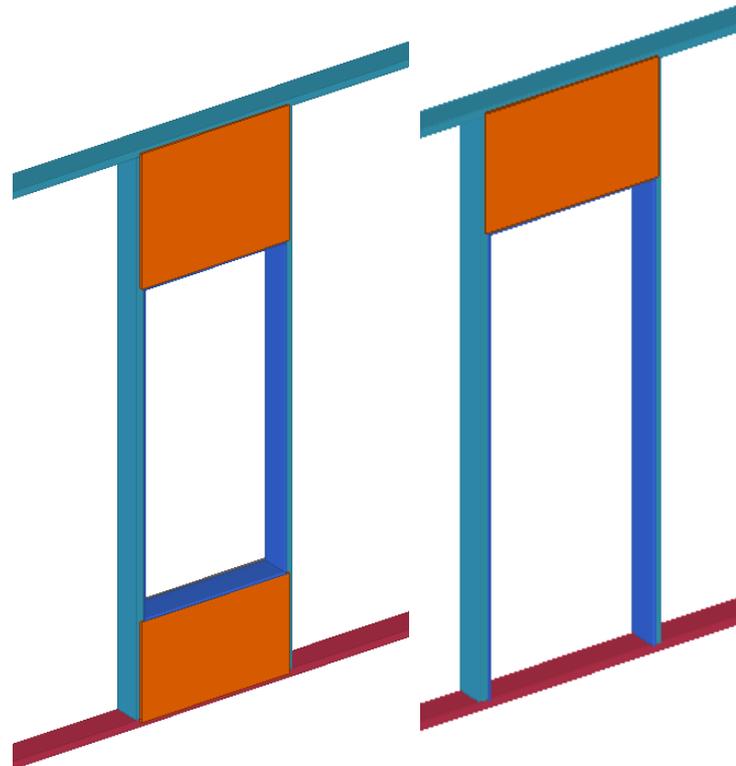
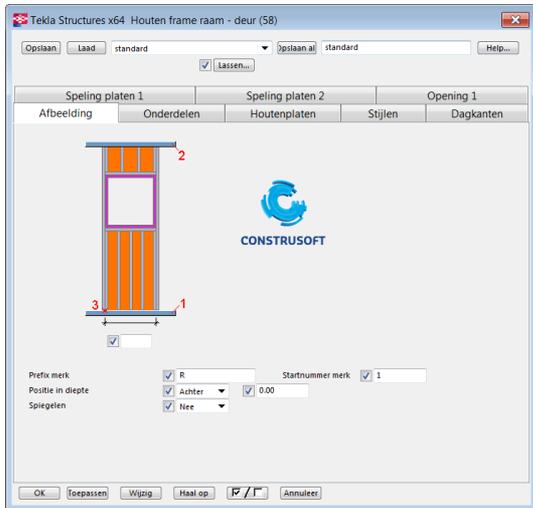
# Wood wall (57)

- > Create a wooden wall



# Wood frame window – door (58)

- > Create a wooden window – door.

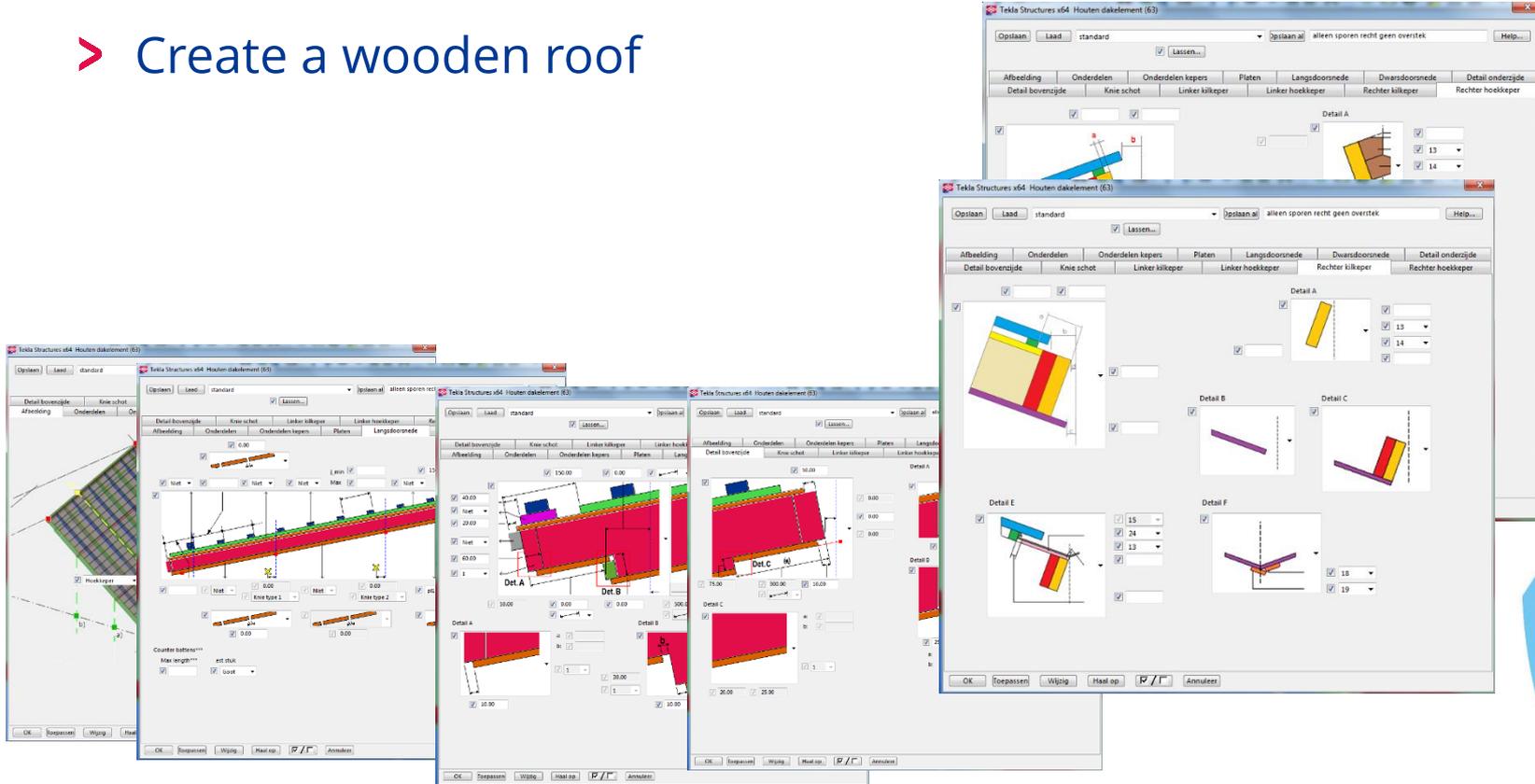


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# Wooden roof (63)

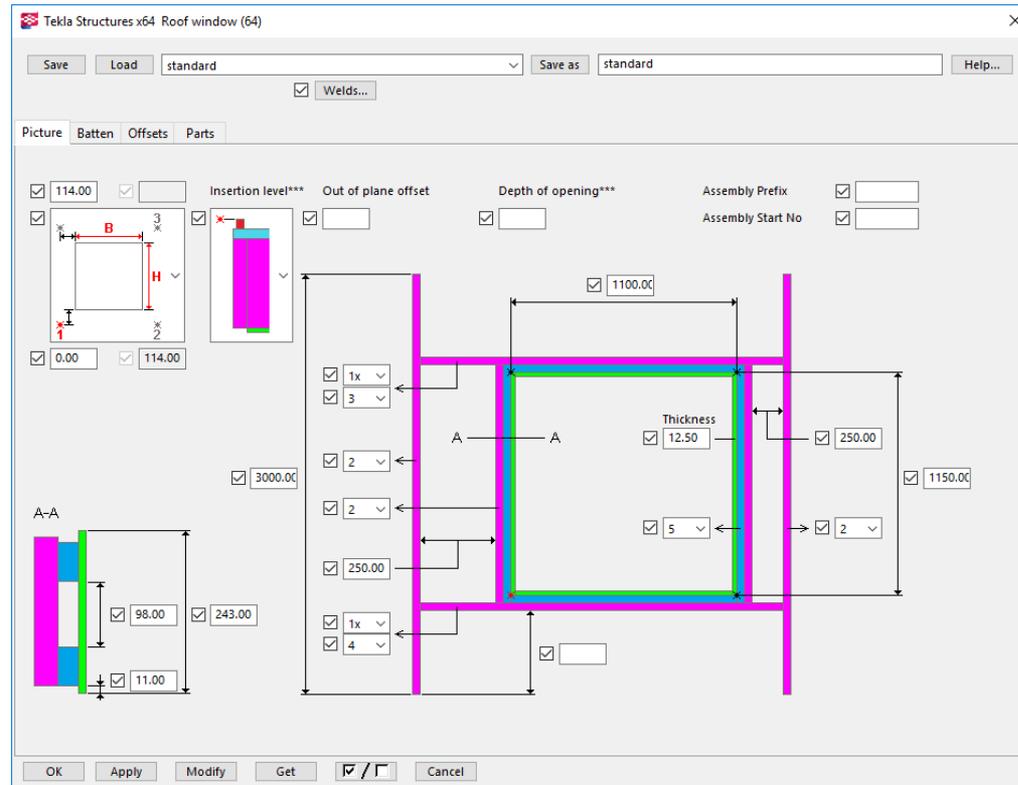
> Create a wooden roof



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# Roof window (64)

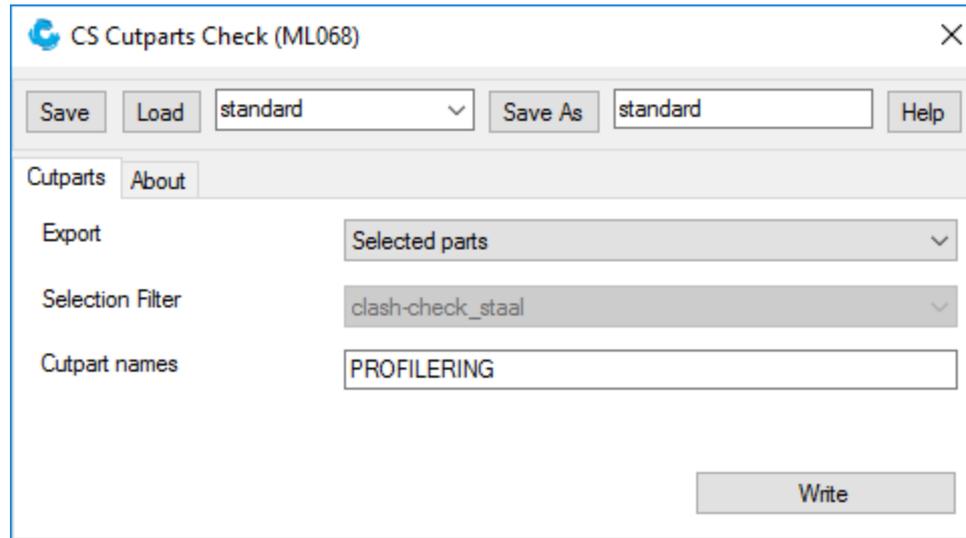
- > Create a window in a roof.





# ML068 – Cutparts check

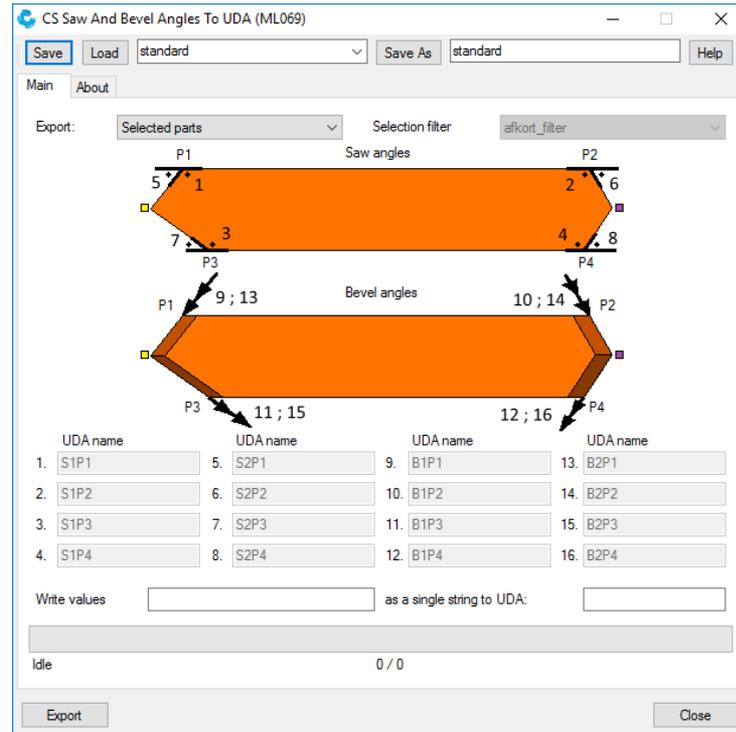
- > Check if parts has some specific cutparts. If so then this is written to the part for later filtering.





# ML069 – Saw and Bevel angles to UDA

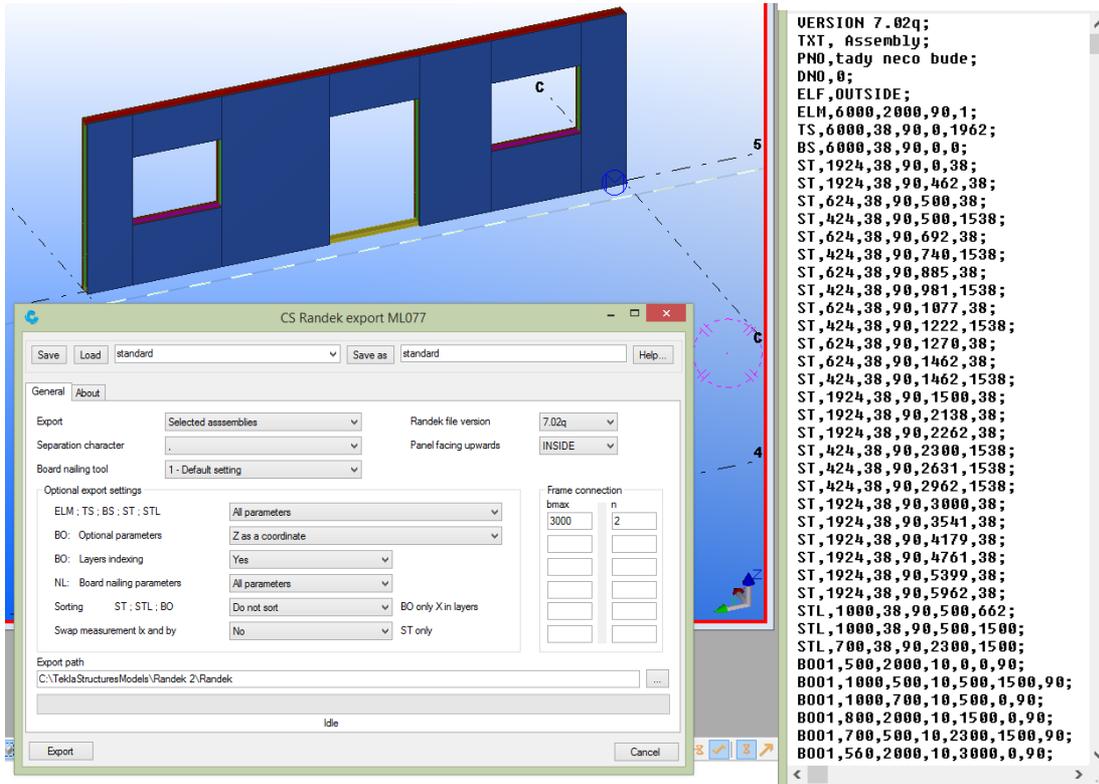
- > This tool writes the Saw and Bevel angles from a part to UDA. This can be used in lists and on drawings.





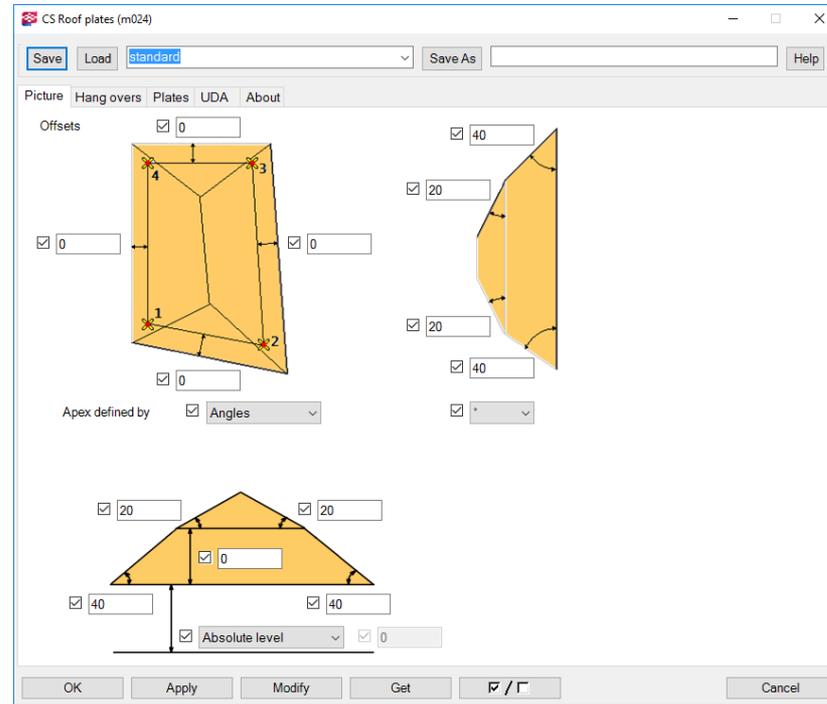
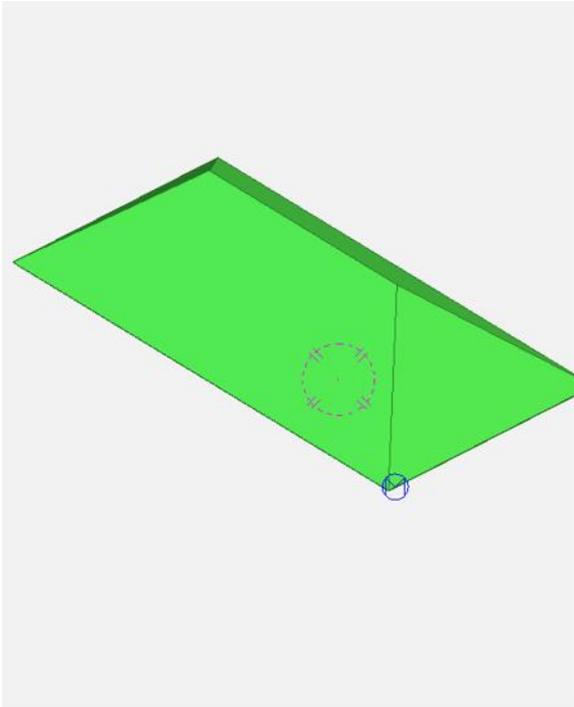
# ML077 – CS Randek Export

➤ Creates export files for Randek machine from wood walls



# Roof plates (m024)

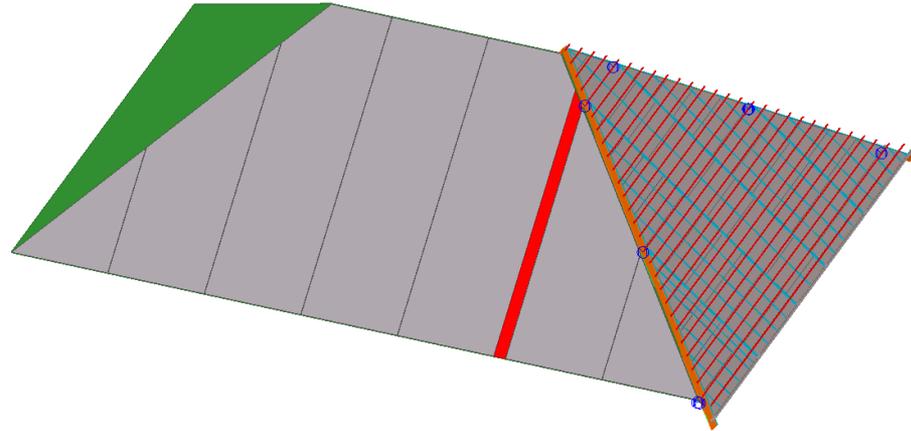
- > Generates roof plates which can be used in plugin m025.





## Timber roof Panel (m025)

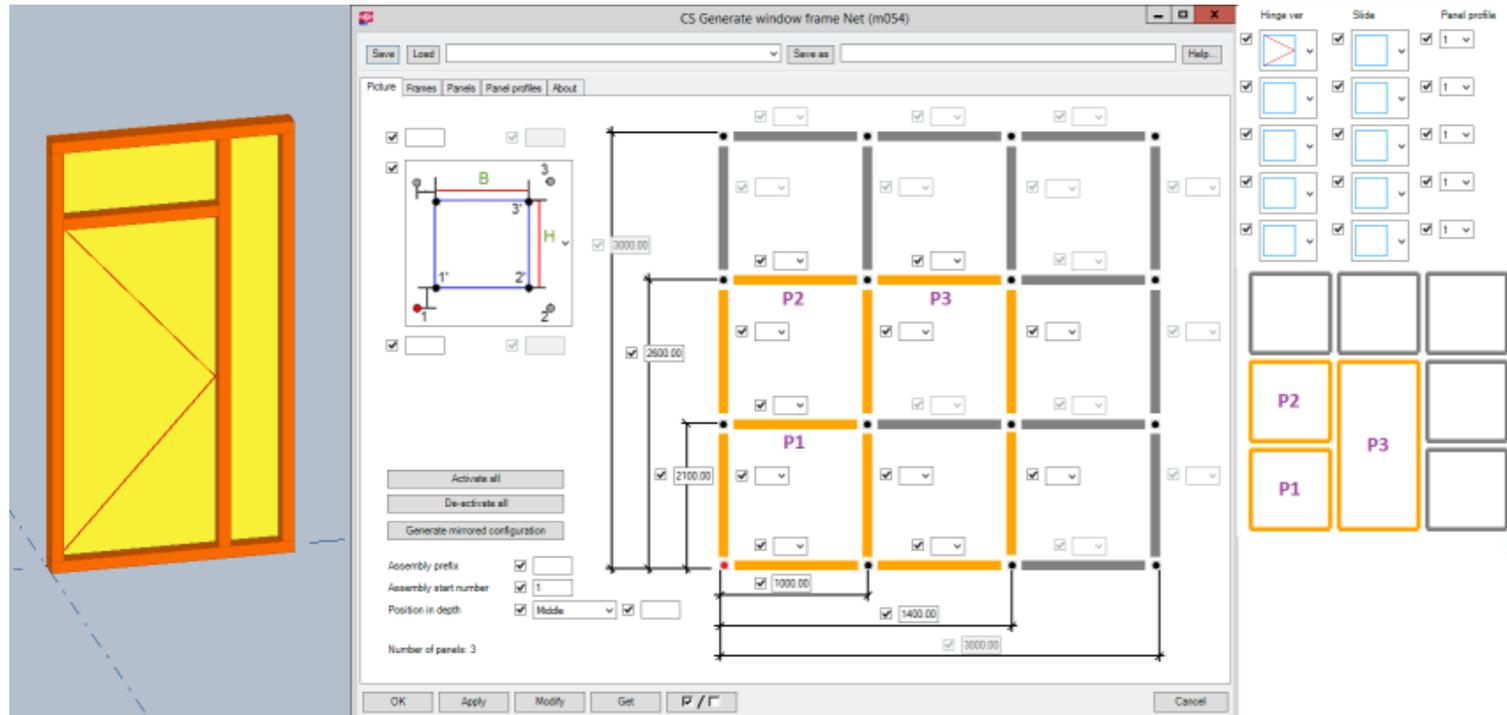
- > Can be used in combination with M024. This plugin calls for the (roof) surface, and the X-axis. Thereafter, plates are generated
- > In this plugin it is possible to use Wooden Roof (63).





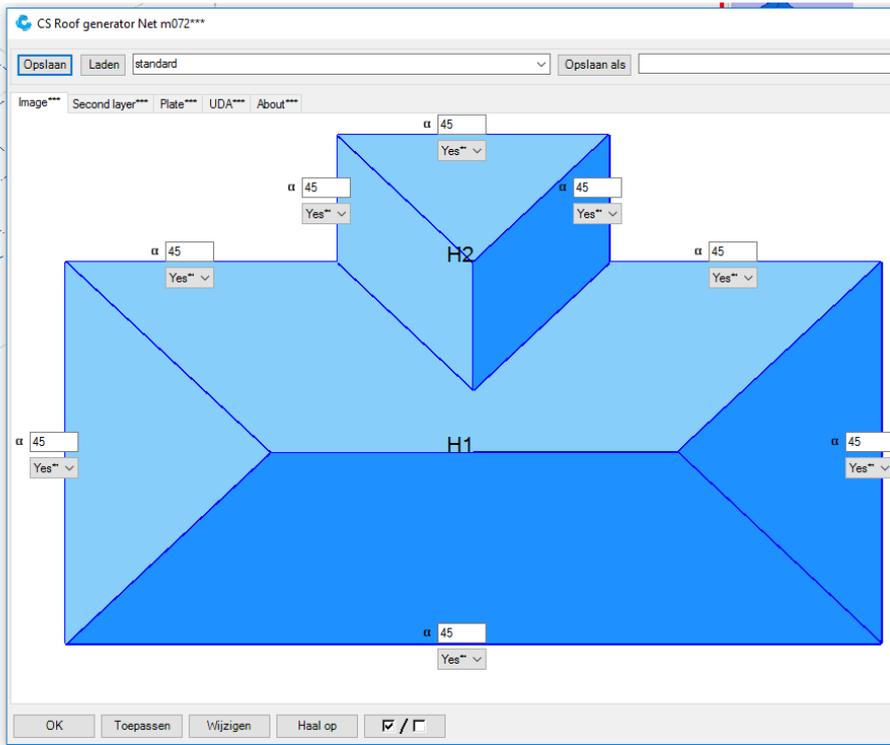
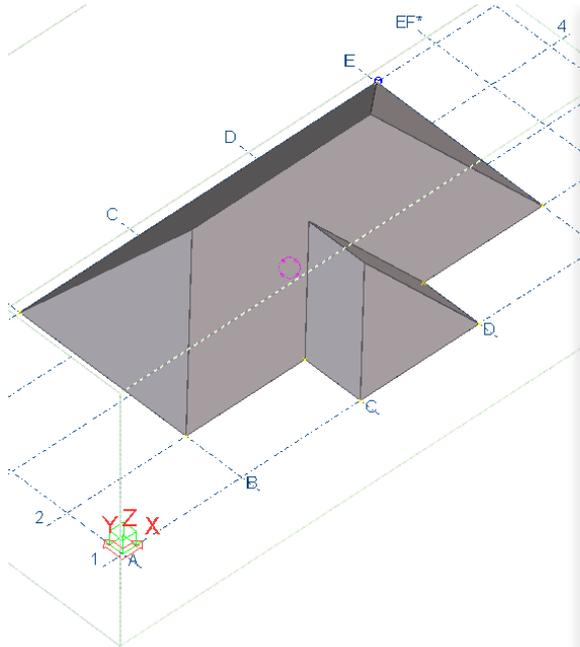
# Generate window frame (m054)

- Generate door- and windowframes (LOD200)
- Multiple (up to 9) panels and option for openingdirection symbols



# Roof generator(m072)

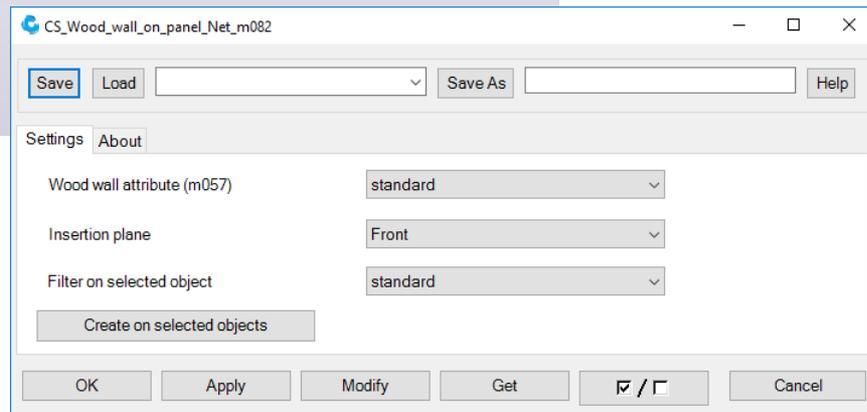
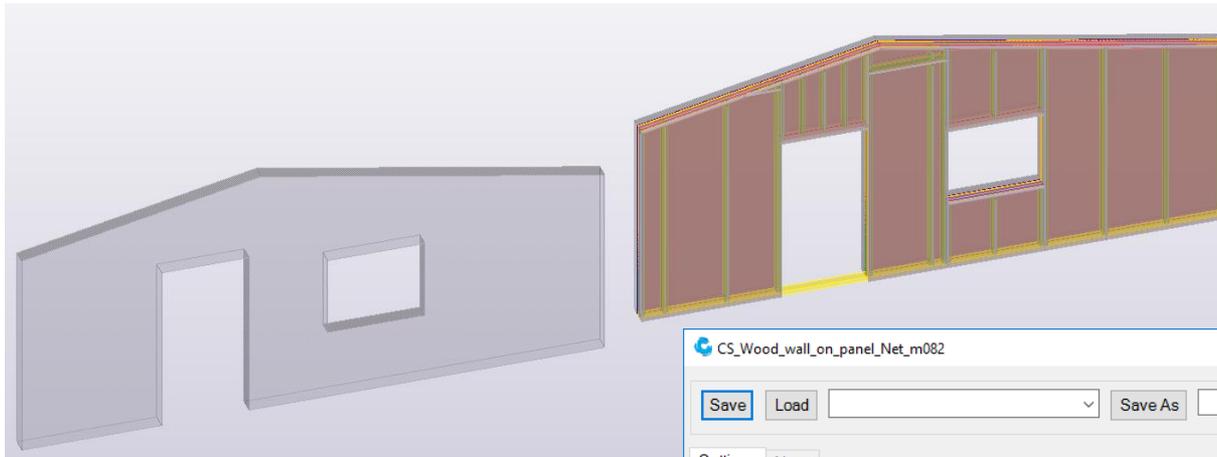
- > Create roofs made with multiple points.





# Wood wall on panel (m082)

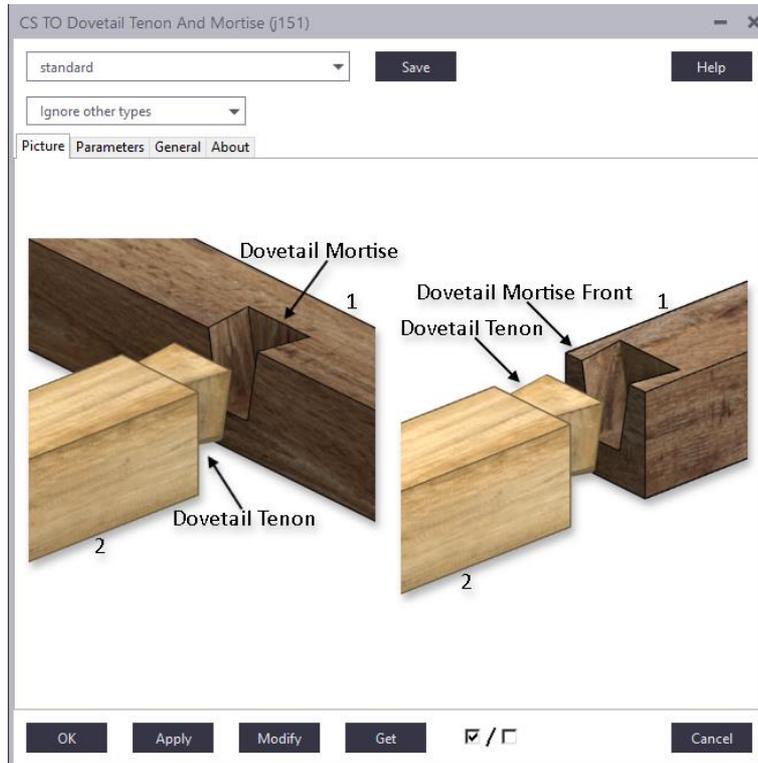
- > Create on a concrete panel. Change the concrete panel and the wooden wall is changed with it.





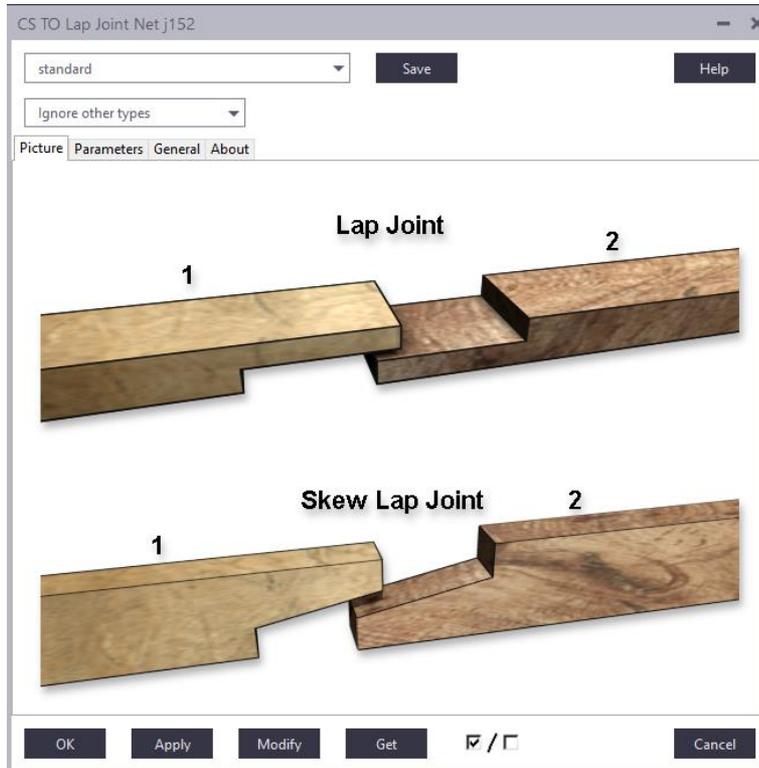
# TO Dovetail tenon and mortise (j151)

> Creates a dovetail tenon and mortise joint.



# TO Lap joint (j152)

➤ Creates a basic lap joint that can be modified to any joint.





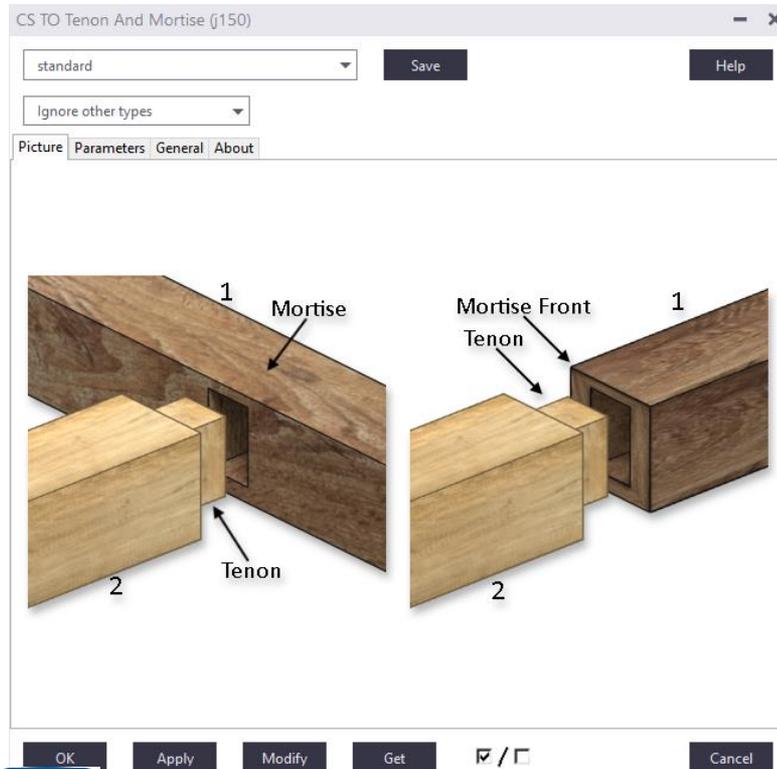
# TO Ridge cut and valley cut (d153)

> Creates a ridge or valley cut which is used for roof.



# TO Tenon and mortise (j150)

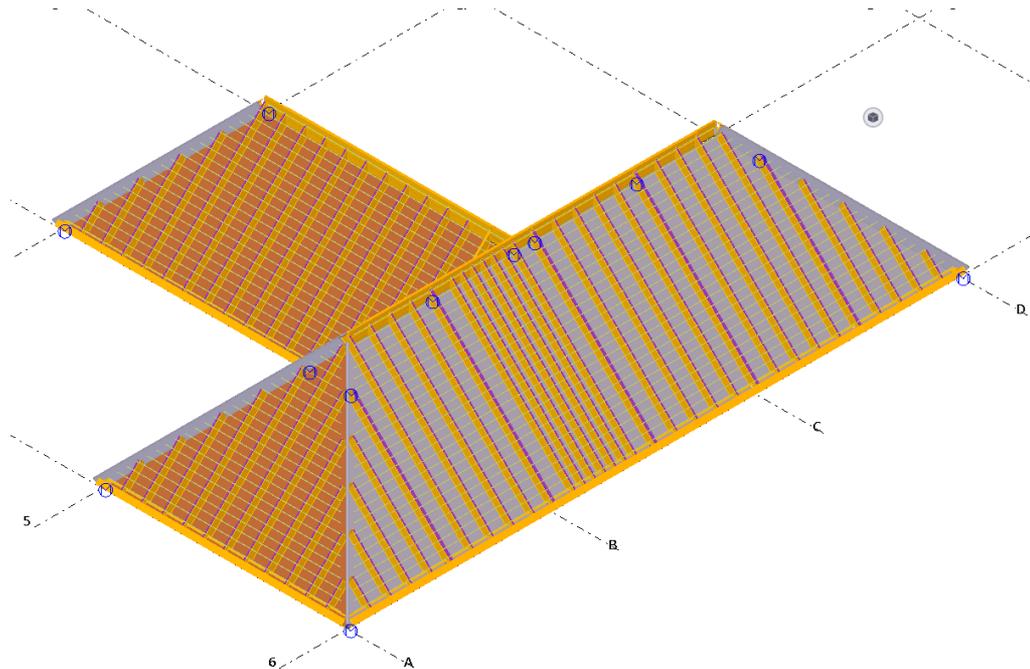
> Creates a classic mortise and tenon joint.





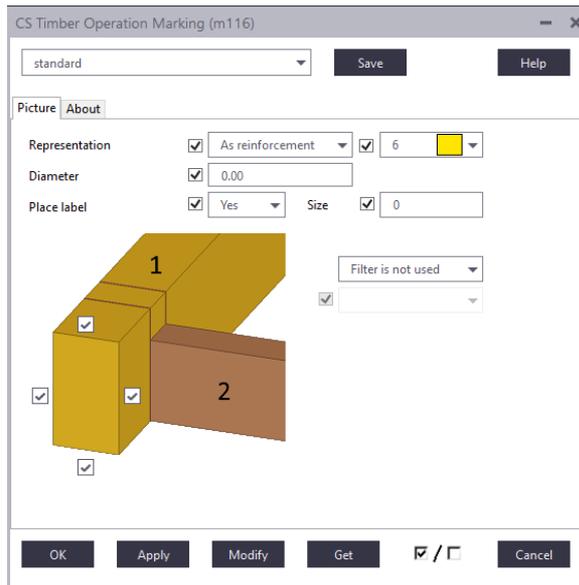
## Wooden roof (150) + (m151-m155)

- > Creates a roof with all the details which are modified by plugins m151-m155 (frames, rafters, support profiles...)



# TO Marking (m116)

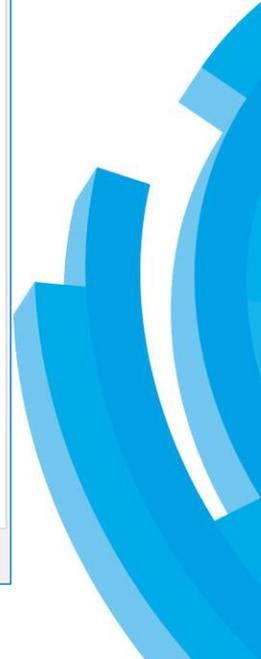
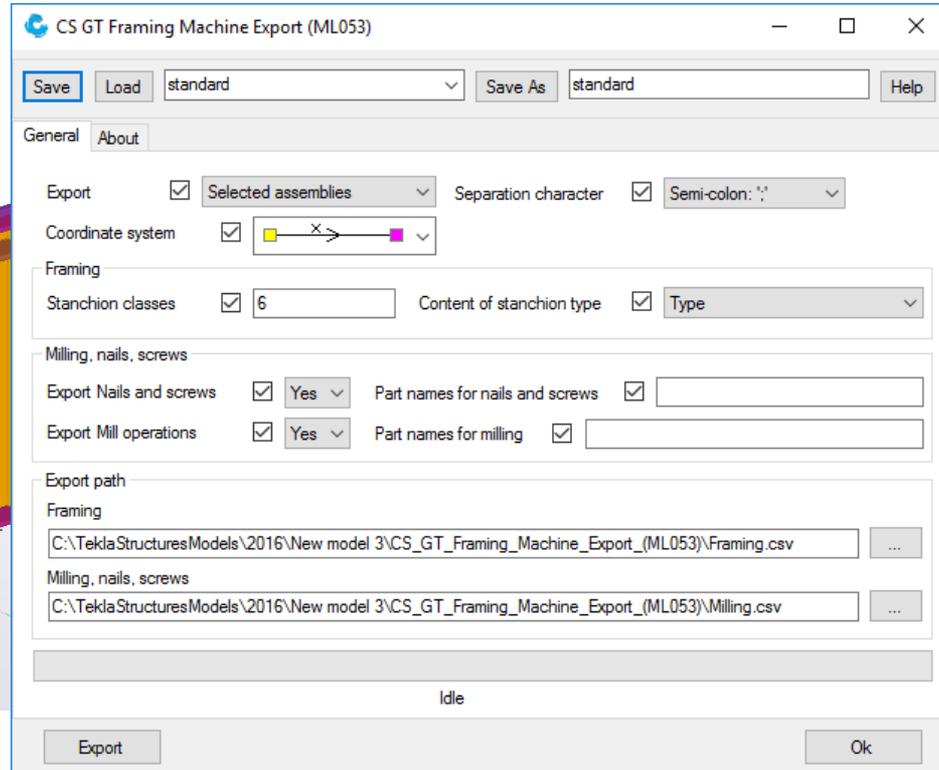
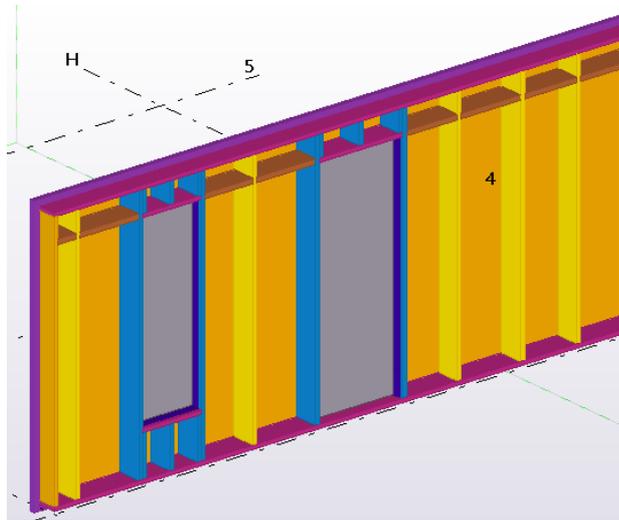
- Marks a timber to know the cuts.





# ML053 – GT Framing Machine Export

- > Export csv files for GT framing machines (Timber machine)



# BTL Framing (m101)

- > Nail and glue objects by picking part.





# Border detail (d112)

> Border detail used on roof.

CS Border detail Net d112

Save Load Save As Help

Detail Joints About

Connection name/number	Configuration file	Connection type
Connection 1 <input checked="" type="checkbox"/> [ ] -	<input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]
Primary by <input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]
Secondary by <input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]
Connection 2 <input checked="" type="checkbox"/> [ ] -	<input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]
Primary by <input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]
Secondary by <input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]
Connection 3 <input checked="" type="checkbox"/> [ ] -	<input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]
Primary by <input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]
Secondary by <input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]
Connection 4 <input checked="" type="checkbox"/> [ ] -	<input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]
Primary by <input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]
Secondary by <input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]	<input checked="" type="checkbox"/> [ ]

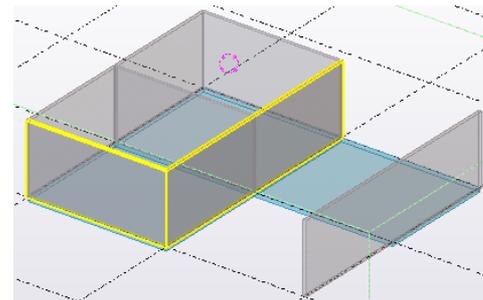
OK Apply Modify Get [ ] / [ ] Cancel





# ML028 – RFID Export Import

- Export and import reference objects in model
- Update and check whole model



CS RFID Export Import (ML028)

Save Load standard Save As standard Help

Import Export About

File name: C:\TeklaStructuresModels\Test\ReferenceModel\export2017Beta.csv Select file

Import Update UDA in TS Clear  Check for import file every 10 minutes  Check for import every day at 600 seconds 0 h 0 m 0 s Current status: Idle Zoom to selected objects  Show log  Open Log file

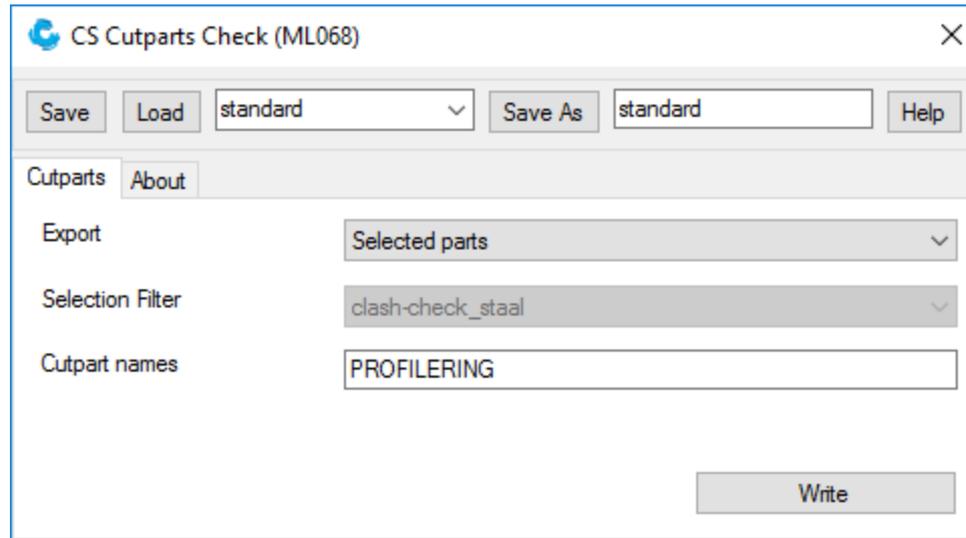
Control number	RFID number	Assembly number	Block number	House number	Level name	Assembly name	Planned start mounting	Planned end mounting	Actual start mounted	Actual end mounted	Approved	Note	Type	Subcontractor
▶		wall	1	5	2	big	17.1.2014	17.1.2014	18.1.2014	18.1.2014	0	Wall03	0	OutSide
		wall	0	4	2	small	17.1.2014	17.1.2014	17.1.2014	17.1.2014	1	Wall01	0	Inside
		wall	1	5	2	small	17.1.2014	17.1.2014	17.1.2014	17.1.2014	1	Wall02	0	Inside
		floor	0	4	2	in	15.1.2014	15.1.2014	16.1.2014	16.1.2014	0	floor01	0	Inside
		floor	1	5	2	in	15.1.2014	15.1.2014	16.1.2014	16.1.2014	0	floor02	0	Inside
		wall	2	6	3	big	17.1.2014	17.1.2014	18.1.2014	18.1.2014	0	Wall04	0	OutSide
		floor	2	6	3	out	15.1.2014	15.1.2014	16.1.2014	16.1.2014	1	floor03	1	OutSide





# ML068 – Cutparts check

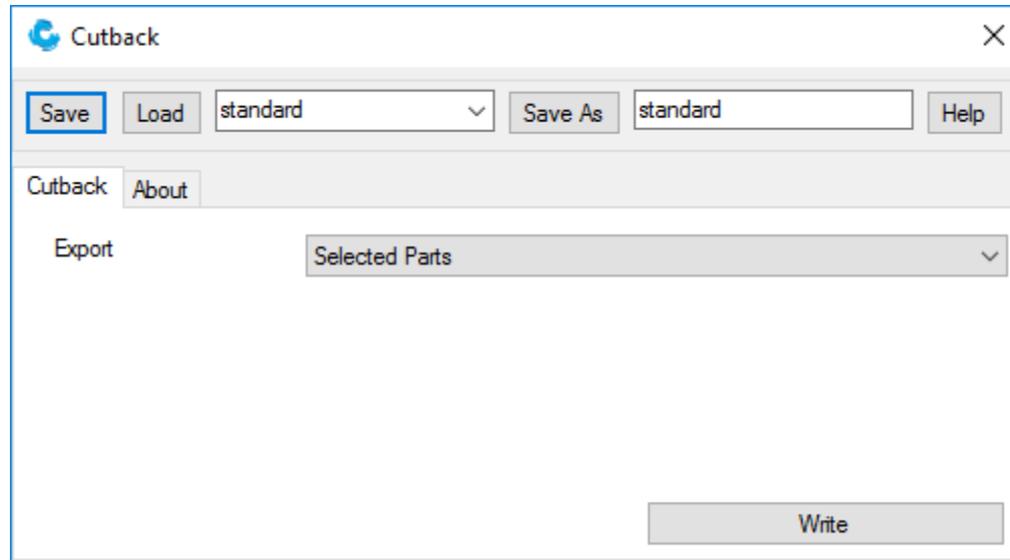
- > Check if parts has some specific cutparts. If so then this is written to the part for later filtering.





## ML073 – Cutback

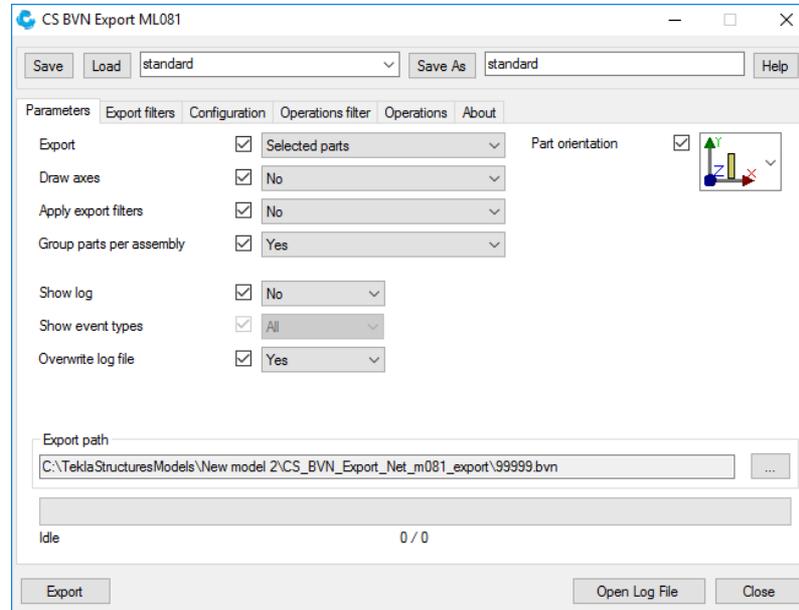
- This tool writes information from the cutpart created with the custom component Cutback to the mainpart. This information is used in a specific list.





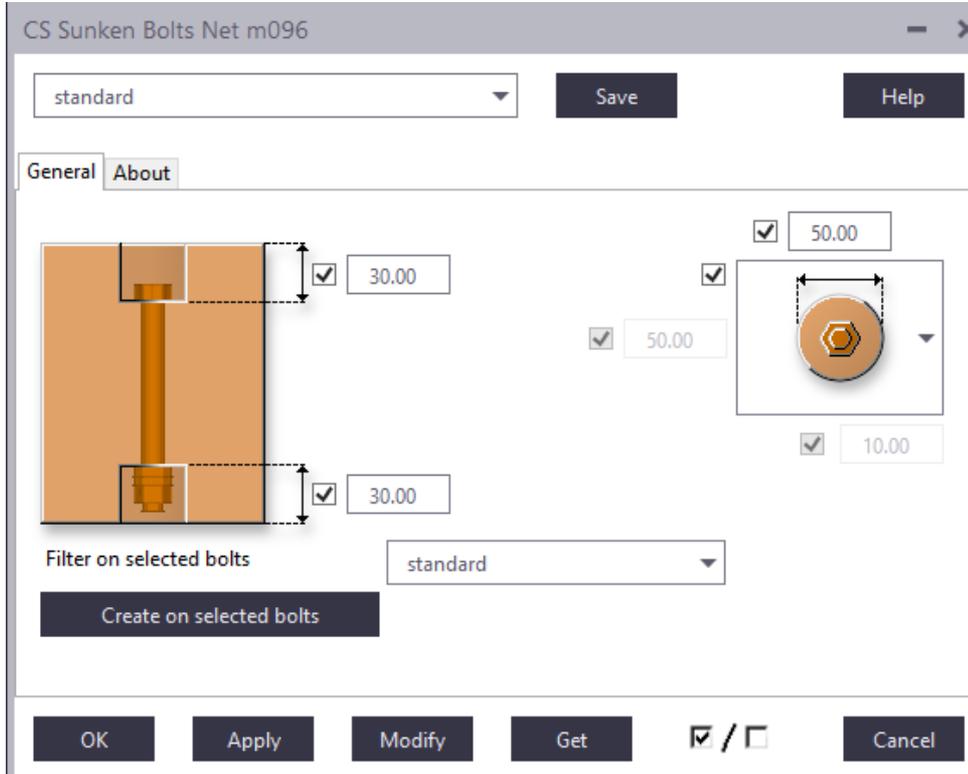
# ML081 – CS BVN Export

- > Generates the machine controls for bvn woodworking machines.



# Sunken bolts (m096)

> Sunks bolts by picking a part.



# Investigating cuts and niches (m034)



Investigating cuts and niches (m034)

Save Load Save As Help

Settings Dimensions UDA About

Chamfer	Notch	Narrowing
Name <input checked="" type="checkbox"/> <input type="text"/>	Name <input checked="" type="checkbox"/> <input type="text"/>	Name <input checked="" type="checkbox"/> <input type="text"/>
Class <input checked="" type="checkbox"/> <input type="text"/>	Class <input checked="" type="checkbox"/> <input type="text"/>	Class <input checked="" type="checkbox"/> <input type="text"/>
Profile <input checked="" type="checkbox"/> <input type="text"/> ...	Profile <input checked="" type="checkbox"/> <input type="text"/> ...	Profile <input checked="" type="checkbox"/> <input type="text"/> ...
Material <input checked="" type="checkbox"/> <input type="text"/> ...	Material <input checked="" type="checkbox"/> <input type="text"/> ...	Material <input checked="" type="checkbox"/> <input type="text"/> ...
Length <input checked="" type="checkbox"/> <input type="text"/>	Length <input checked="" type="checkbox"/> <input type="text"/>	Length <input checked="" type="checkbox"/> <input type="text"/>
Pos No <input checked="" type="checkbox"/> <input type="text"/> <input checked="" type="checkbox"/> <input type="text"/>	Pos No <input checked="" type="checkbox"/> <input type="text"/> <input checked="" type="checkbox"/> <input type="text"/>	Pos No <input checked="" type="checkbox"/> <input type="text"/> <input checked="" type="checkbox"/> <input type="text"/>
Ass No <input checked="" type="checkbox"/> <input type="text"/> <input checked="" type="checkbox"/> <input type="text"/>	Ass No <input checked="" type="checkbox"/> <input type="text"/> <input checked="" type="checkbox"/> <input type="text"/>	Ass No <input checked="" type="checkbox"/> <input type="text"/> <input checked="" type="checkbox"/> <input type="text"/>
Comment <input checked="" type="checkbox"/> <input type="text"/>	Comment <input checked="" type="checkbox"/> <input type="text"/>	Comment <input checked="" type="checkbox"/> <input type="text"/>
Filter <input checked="" type="checkbox"/> standard	Filter <input checked="" type="checkbox"/> standard	Filter <input checked="" type="checkbox"/> standard

Add parts by

Filter on selected object  standard

Create on selected objects

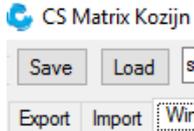
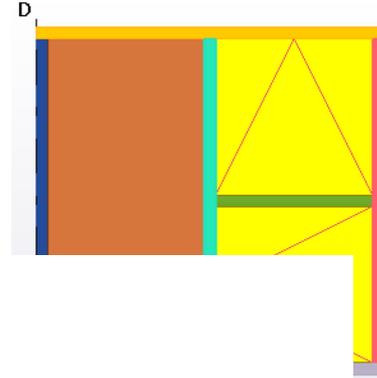
OK Apply Modify Get  /  Cancel





# ML033 – Matrix Exchange

> Exports to Matrix software.



Window parts

Outer frame

Inner frame

Latch

Window

Door

Panel

```

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    <Creator>Construsoft</Creator>
    <Version>2013</Version>
    <LevelOfDevelopment>200</LevelOfDevelopment>
  - <Manufacturer>
    <ManufacturerName>default</ManufacturerName>
    <ManufacturerWebsite>default</ManufacturerWebsite>
  </Manufacturer>
  </Header>
  - <Project>
    <ClientNumber>default</ClientNumber>
    <ProjectNumber>project number</ProjectNumber>
    <ProjectName>Construsoft bv</ProjectName>
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    - <MarkDefinition>
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          - <FrameInstance>
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            <EndPoint XEnd="2000" YEnd="0" ZEnd="0" ExtensionEnd="0" IsCutEnd="false"/>
          </FrameInstance>
        </FrameType>
      </Frame>
    </Frame>
    <FrameType FrameType="0x0" IsEdgeFrame="false" FrameDepth="0" FrameWidth="0" DepthOffset="0"/>
  </Frame>
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    - <PanelType DepthOffset="47" PanelType="Window" IsEdgePanel="false">
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        <PanelPoint_2 X="966.5" Y="67" Z="0"/>
        <PanelPoint_3 X="966.5" Y="966.5" Z="0"/>
        <PanelPoint_4 X="67" Y="966.5" Z="0"/>
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  </Panel>
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  </Mark>
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