

# Cadify tutorials

## Modifying a published document

### GOAL OF THIS TUTORIAL

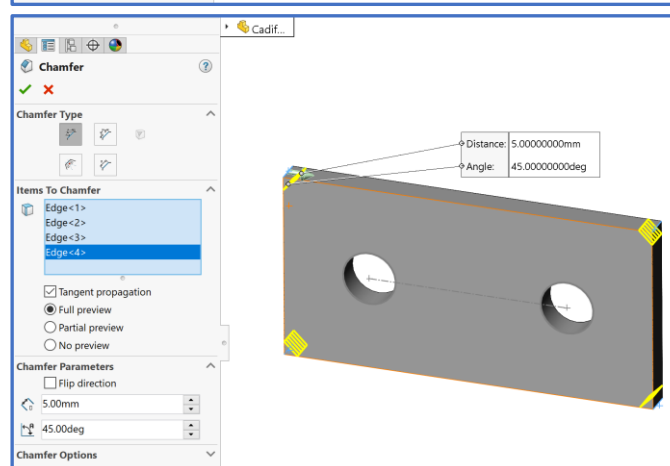
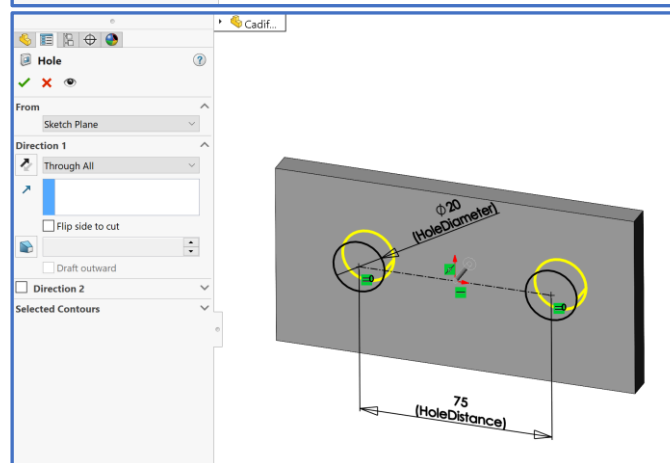
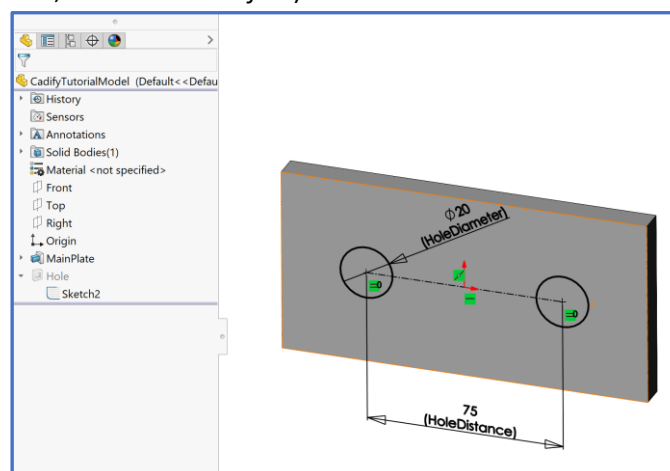
Learn how to modify an already published document.

*This tutorial uses the same document created in the previous tutorial.*

### OPEN THE PUBLISHED DOCUMENT AND ADD NEW FEATURES IN THE MODEL

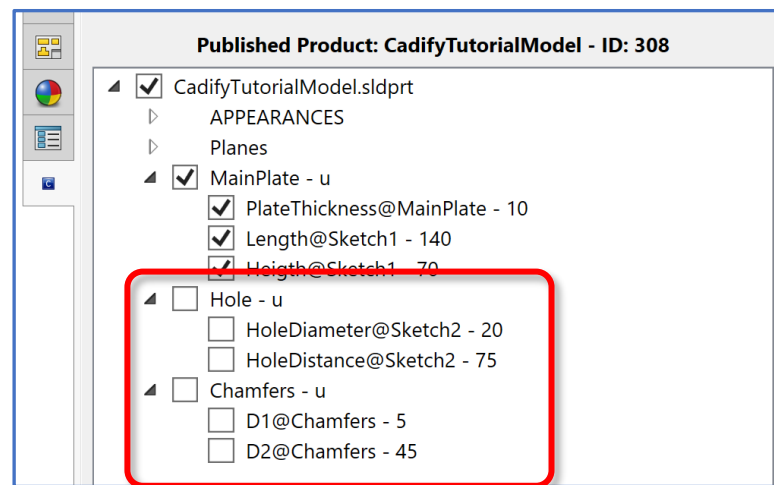
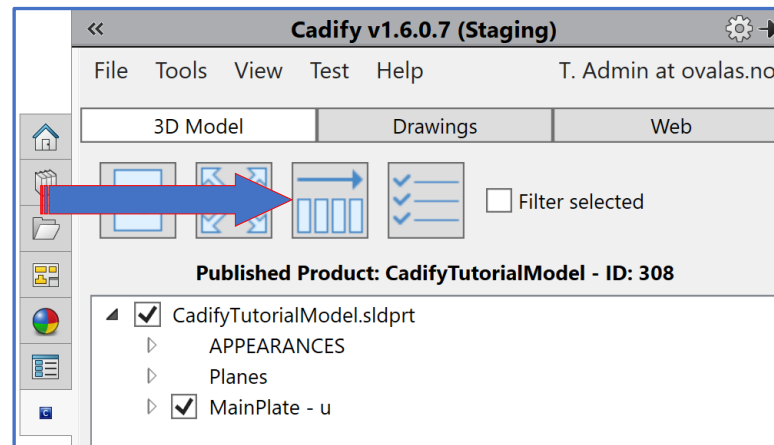
*To open a published document, see Tutorial 2.*

After opening the document add the shown features (*Sketch2, Hole* and *Chamfers*).

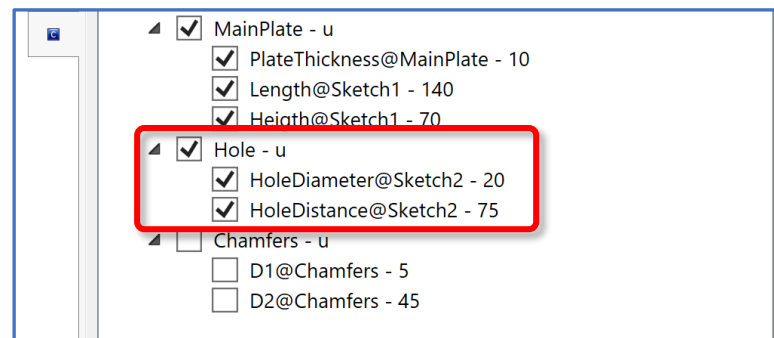


## UPDATE CADIFY

Click on the *Reload the Treeview* button. Parameters of the new features will appear unselected in the list.

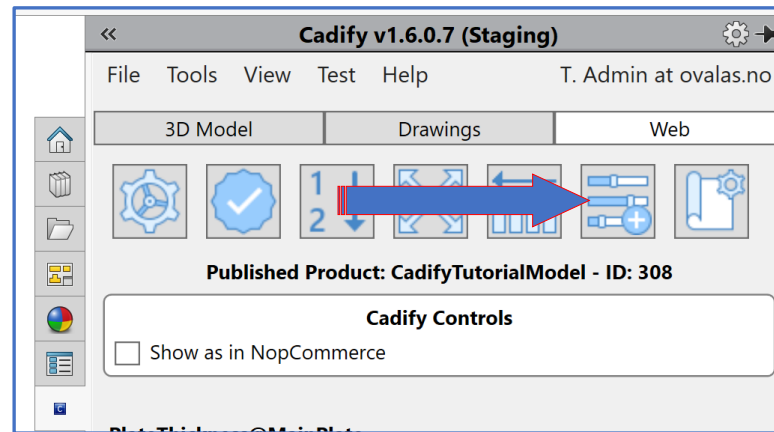


Select the new feature's parameters that can be modified by the user in the web browser.



## ADD NEW USER PARAMETERS

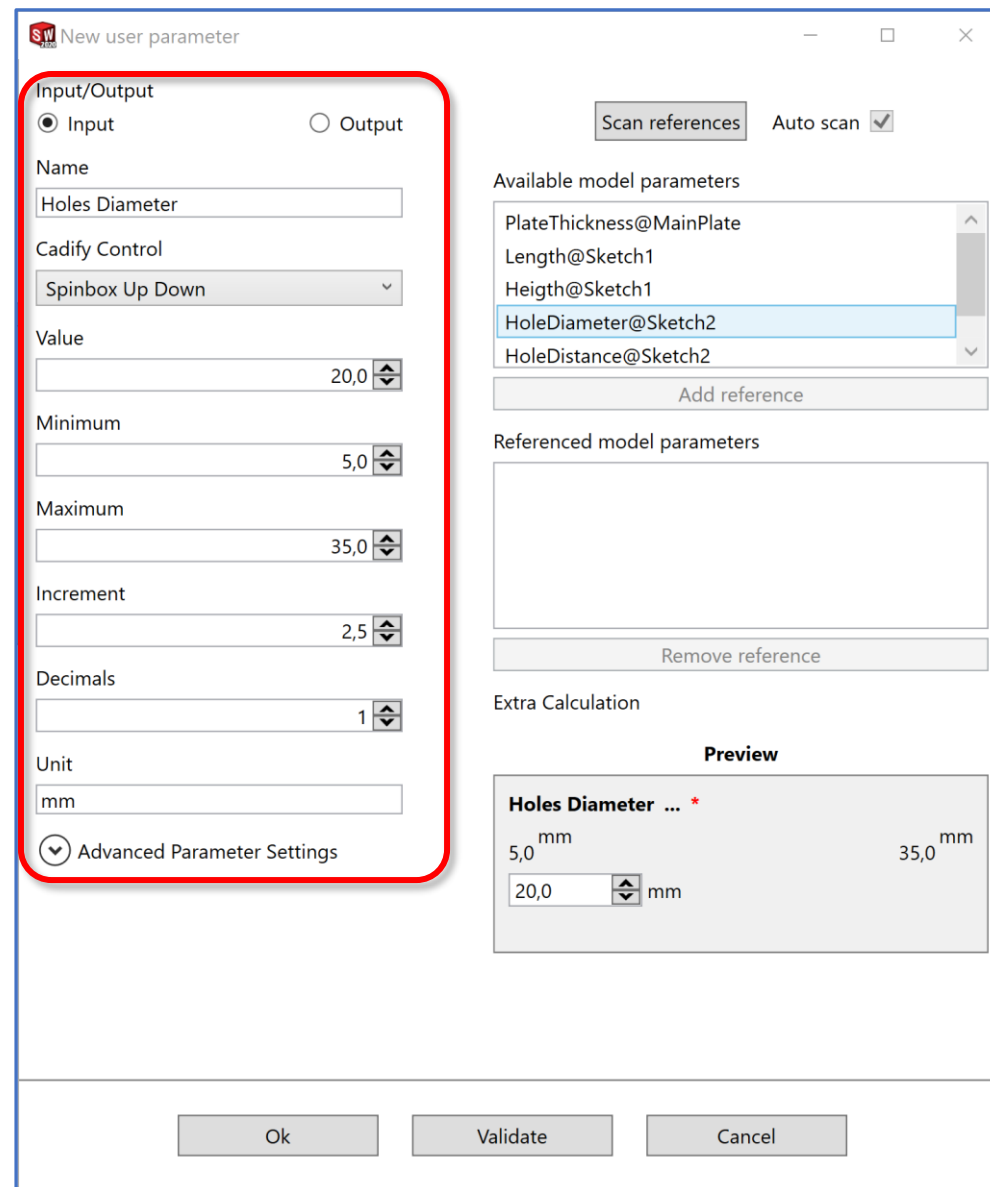
In the *Web* tab, click on the *Add* button.



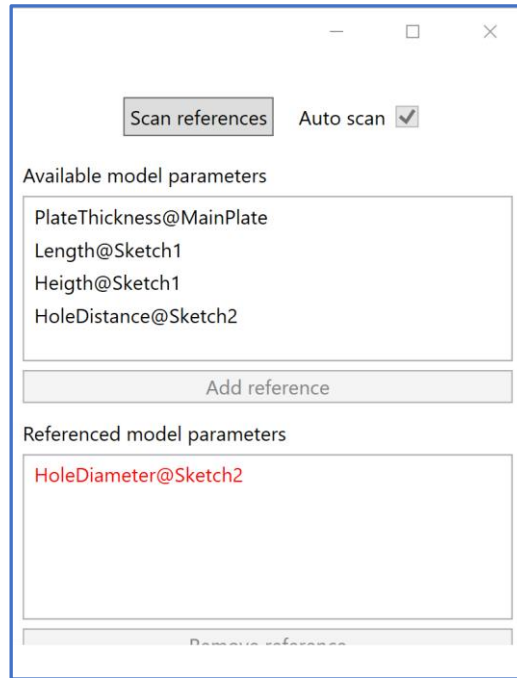
In the *New user parameter* window select *Input*, then click on *Cadify Control* options and select *Spinbox Up Down*.

*Only after selecting a Cadify Control option the available model parameters for each control will appears in the box.*

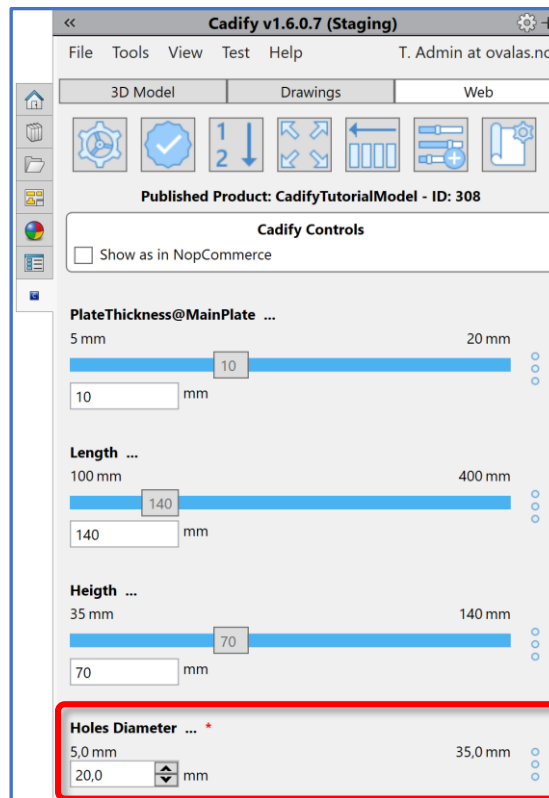
Write a *Name* for the parameter. Complete *Value*, *Minimum*, *Maximum*, *Increment* and *Decimals*.



Select the parameter *HoleDiameter@Sketch2* in the box and the click on Add reference button. It will appear in the *Referenced* model parameters box. Click on *Ok*.



The parameter is added to the Control panel. A new row will appear in the Excel workbook with the advanced and basic parameters settings.



Advanced Parameter Settings						Value	Unit	IV
<b>Display Name ; Description</b>	<b>List values</b>	<b>CT Settings</b>	<b>Condition</b>	<b>Control Type</b>	<b>Name</b>			
PlateThickness@MainPlate;	5;Min is 5 mm;20;Max is 20 mm;1	On;10;Optional;EDT;first		Spinbox Slider	PlateThickness@MainPlate	10	mm	
Length;Length of the plate	100;Min is 100 mm;400;Max is 400 mm;1	On;0;Optional;EDT;first		Spinbox Slider	Length	140	mm	1
Height;	35;Min is 35 mm;140;Max is 140 mm;1	On;0;Optional;EDT;first		Spinbox Slider	Height	70	mm	
Holes Diameter;	5;;35;;2,5	On;10;Optional;EDT;first		Spinbox Up Down	Holes Diameter	20	mm	

Create an user parameter for holes distance as shown.

SW New user parameter
— □ ×

**Input/Output**  
 Input     Output

**Name**

**Cadify Control**

**Value**

**Minimum**

**Maximum**

**Increment**

**Decimals**

**Unit**

Advanced Parameter Settings

Auto scan

**Available model parameters**

PlateThickness@MainPlate  
 Length@Sketch1  
 Heigth@Sketch1  
 HoleDiameter@Sketch2

**Referenced model parameters**

HoleDistance@Sketch2

**Extra Calculation**

**Preview**

**Hole Distance ... \***

mm

## UPDATE DRAWING

Open Drawing tab and select Hole dimensions to show them in the drawing.

The screenshot displays the Cadify software interface. On the left, a technical drawing of a plate with two holes is shown. The drawing includes dimensions: a hole diameter of  $\varnothing 20$ , a hole-to-hole distance of 75, and a plate width of 70. A second view shows a hole diameter of 10. Below the drawing is a table with the following data:

Parameterized Instance of Product identified by Store, Timestamp and Email :	
Web Store	Timestamp Customer Email
Sheet: Sheet 1	Drawing: CadifyTutorialModel.SLDDRW
SKU: CTM	Product: CadifyTutorialModel
Scale: 1:2	Project: Project Name
Format: Cadfiy A4-B	Company: Company Name

Below the table is the company logo and name: **ACME Anvil & Associates** (Use this area for Client logo, name and address).

On the right, the configuration panel is visible. The 'Published Product: CadifyTutorialModel - ID: 308' is shown. The 'Active configuration: Default' is selected. The 'Actual scale: 1:2' is displayed. The configuration tree shows the following items:

- CadifyTutorialModel.sldprt
  - MainPlate - u
    - Hole - u
      - HoleDiameter@Sketch2 - 20
      - HoleDistance@Sketch2 - 75
      - Chamfers - u
        - D1@Chamfers - 5
        - D2@Chamfers - 45

The 'D2@Chamfers - 45' option is currently selected in the configuration panel. Below the configuration tree, the 'Show Dimension' checkbox is checked. The 'View' section has 'Front' selected. The 'Level' section has 'Inner' selected. The 'Text position' section has 'Inside' selected. The 'Add to slider' section has 'None' selected.

## REPUBLISH

Republish document.