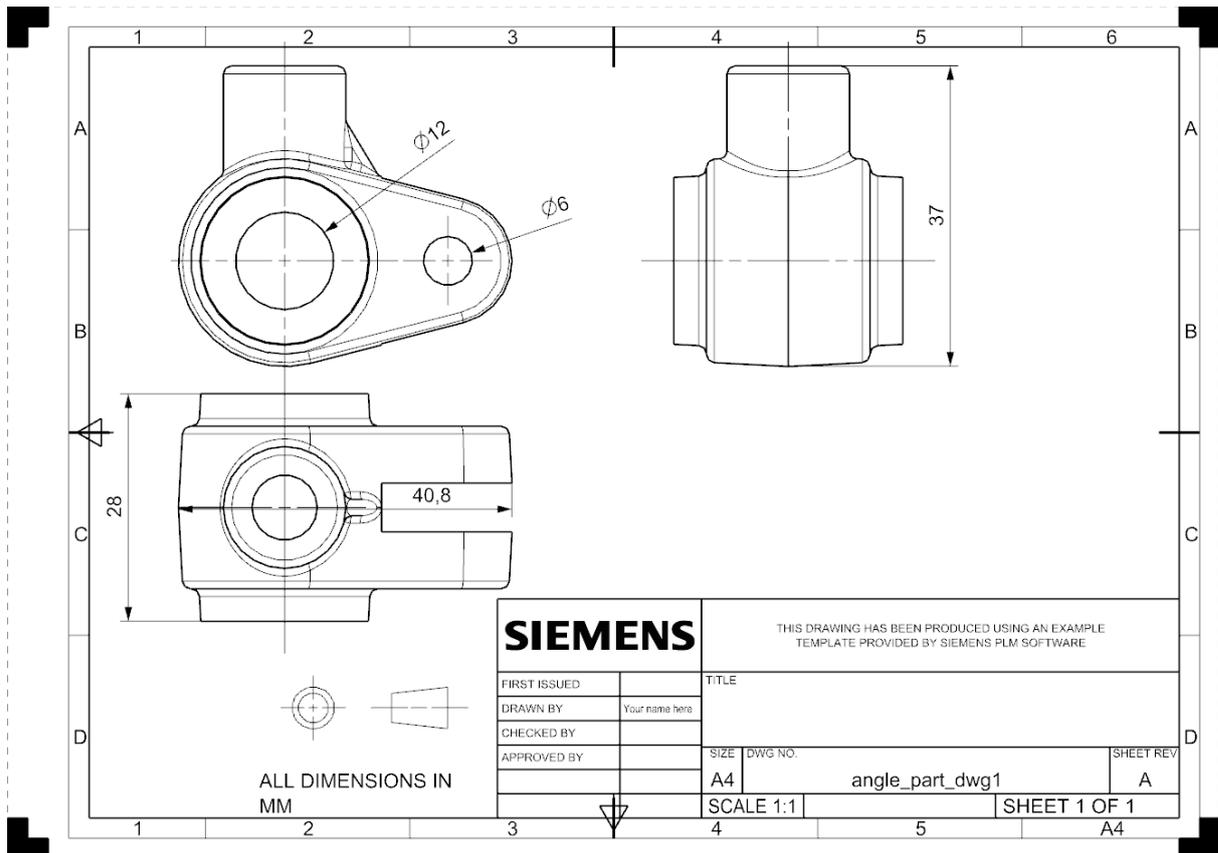


Using Siemens NX 11 Software

Drafting

Based on a Catia tutorial written by Loïc Stefanski.

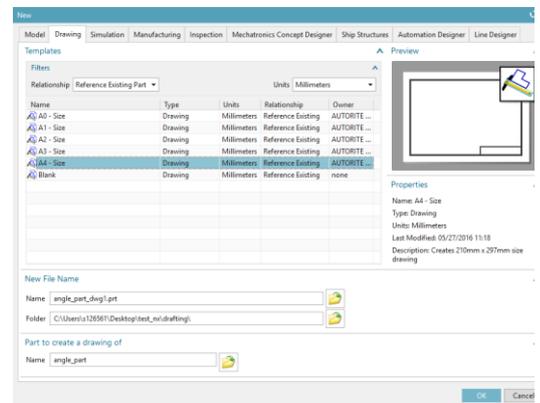
At the end of this manual, you should obtain the following part:



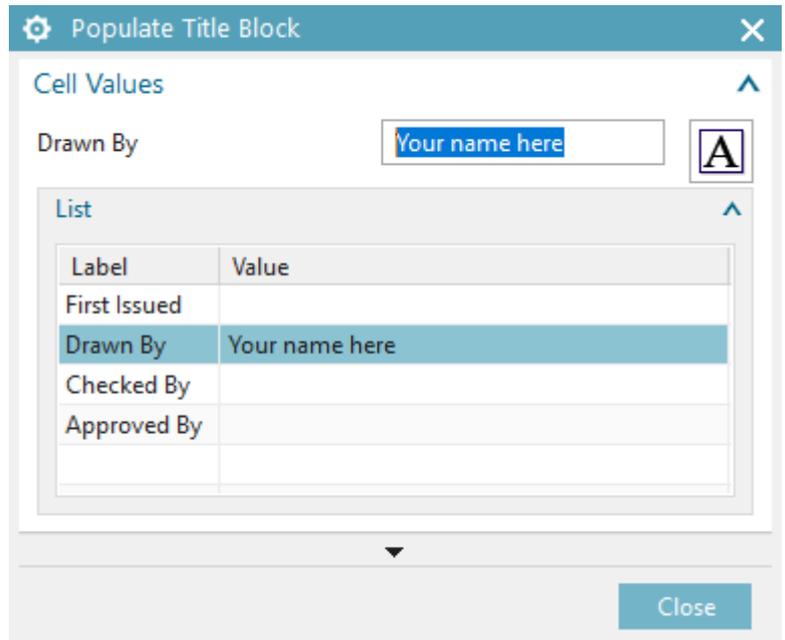
1 – Introduction.

Start NX 11 and open the file `C:\Commun\NX\angle_part.prt`.

- Open a new file (*File* → *New*) and select the tab *Drawing* in the dialog box.
- Select the option *A4 – Size*.
- Set the file name to *drafting* and set its folder.
- Click *OK* to validate.



- In the *Populate Title Block* dialog box, put your name in the field *Drawn By* and press enter to validate the field.
- Finally, click *Close*.



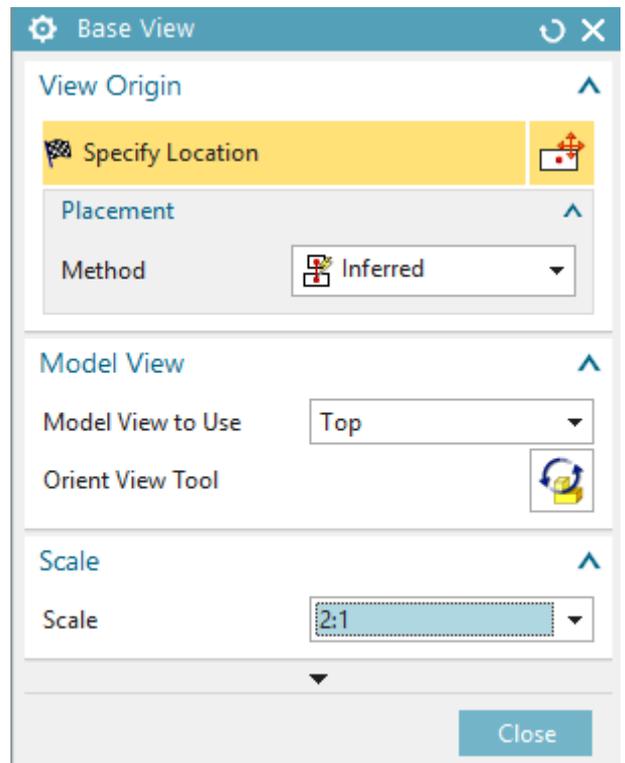
2 – Creation of a new view.

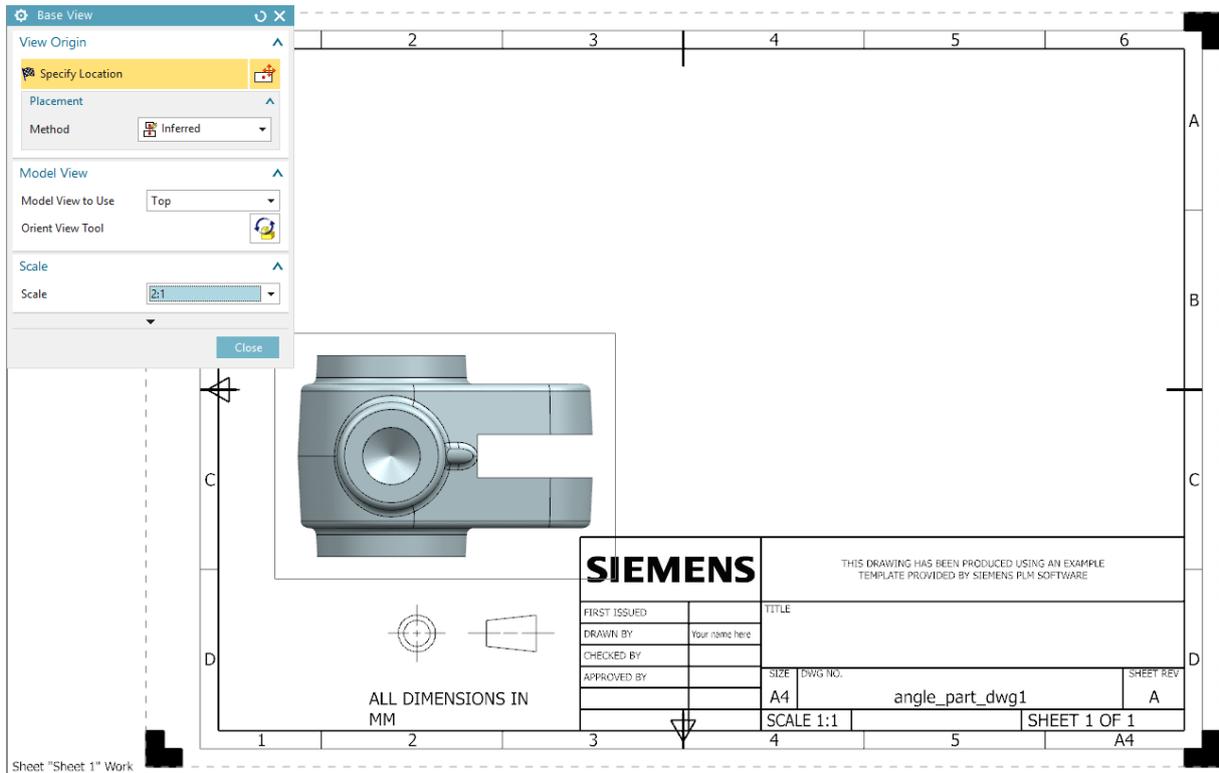
In order to create a new view, click the button



Base View in the toolbar.

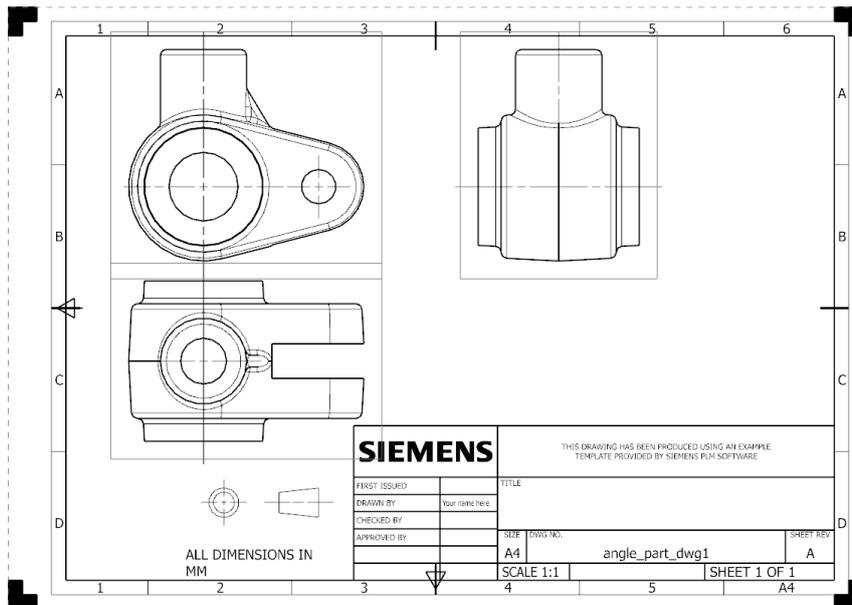
- In the *Base View* dialog box set the field *Model View to Use* to *top* and the field *Scale* to *2:1*.
- Then, drag and drop the view as shown here below and click left to validate.
- You can move the drawing by selecting its enclosing rectangle and clicking left and then dragging the mouse.
- **Note: do not use the projected view. Close the window immediately.**





3 – Creation of the other view.

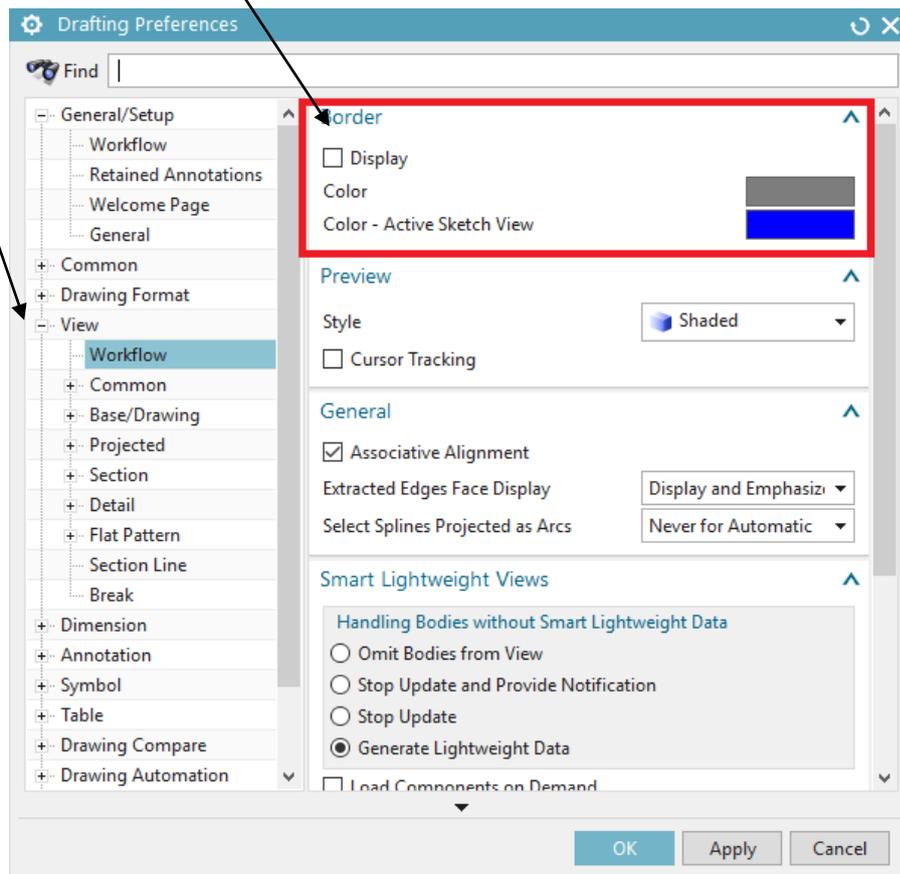
Redo the above operations for the front and left views.



4 – Removing enclosing rectangles.

Rectangles enclosing the draft add confusion most of the time. We will remove them.

- Open the *Drafting Preferences* dialog box by selecting *Menu → Preferences → Drafting*.
- In the dialog box, select in the tree: *View → Workflow*.
- Under the field *Border* uncheck the option *Display*.
- Click *OK* to validate.



5 – Dimensioning.

- Click on the button *Rapid Dimension*



Rapid

in the toolbar and set the dimensions as shown on the first figure of page 1 of this tutorial.

6 – PDF export.

- Click on the *File->Export->PDF...* button.
- In the *Export PDF* dialog box, select the *Sheet 1 A4* option in the *Source* menu.
- Be sure to export your pdf file in the same folder as your drawing file by clicking on the *Browse*  button if needed.
- Click *OK* to validate.

