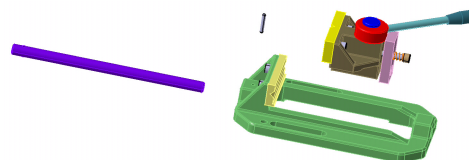


TP3

Support: vice with quick tightening



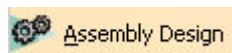
Objective: Draw an exploded view.

Procedure :

For any drawing, you must open the file that contains the 3D part.

- open the file **Mobile_vice_jaws** stored in the directory **Q:/...../planning/TP2**
creating a scene (exploded)

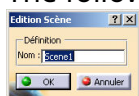
- click on **start->Mechanical Design->**



- click on



The following dialog box appears



- give the name: **bursts**

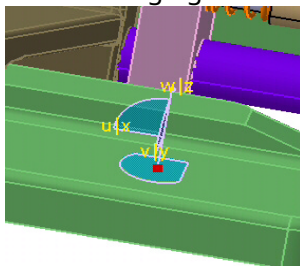
- click on **ok**

the wallpaper changes to green color

- develop the construction tree as in the figure



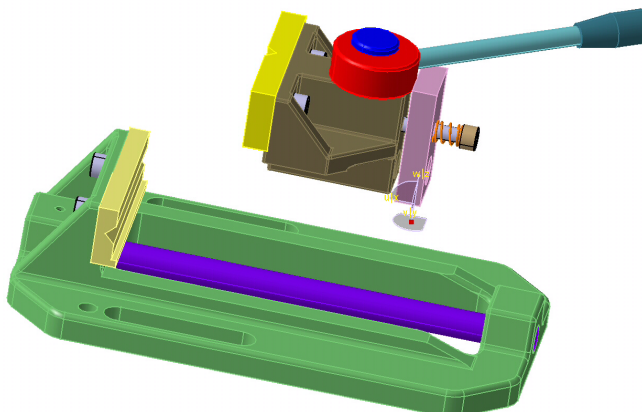
- place the compass on the base as shown in the following figure



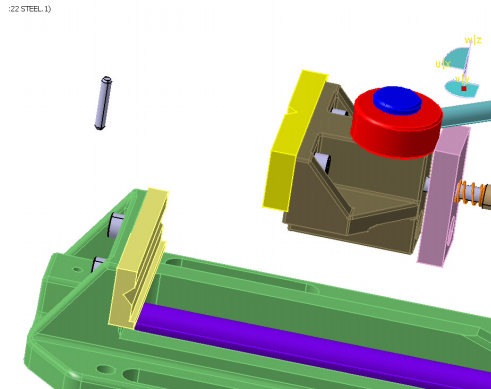
- click in the tree on **ensemble_mobile (ensemble_mobile)**


- to select **Z axis** compass

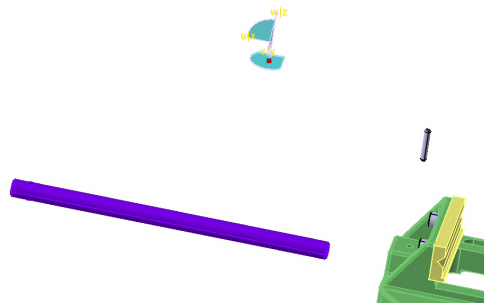
- make a move as in the figure




- click in the tree on  ISO 2340 CLEVIS PIN 4x22 STEEL (ISO 2340 CLEVIS PIN 4x22 STEEL.1)
- to select **Z axis** compass
- make a move as in the figure



- click in the tree on  glissiere (glissiere.1)
- to select **the X axis** compass
- make a move as in the figure



- click on  and choosed **drawing** or select **File->New....->Drawing**
- The drawing workshop is launched.
- to select **A4 ISO**, check the box **Landscape**, a scale of **1:2** and click on **okay** The drawing sheet appears

Creation of the frame and title block



- create a cartridge by helping you with the process of the **TP1**

Creation of views

- Click on **Edit->View Layer**
- click on **Window -> Vertical Tile** to display the 3D part ("exploded" scene) and the drawing sheet
- click in the drawing window to make it active

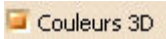
- Click on the icon  **Insert->views** following menu appears:
- > **projections->Isometric view**



- in the 3D view click in the scene tree on  eclate
- click on the 3D part
- orient and position the view using the manipulator then click on 
- right click on the frame of the isometric view

- choose properties

- check the box

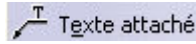


- click OK

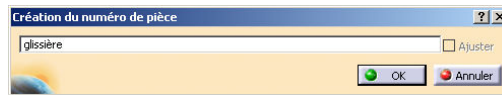
- click on



Where **Insert->Annotations->Texts->**



- click on the **slide** and place the text (using a click) the following dialog box is displayed



- change the name to the name of **slide**

- click on **okay**

- make annotations for the other parts (see file)

- insert an image in the left corner (see tp2)

- enable 3D view



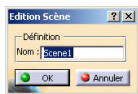
- click on to exit the scene

creating a new scene

- click on



The following dialog box appears



- give the name: eclate_2

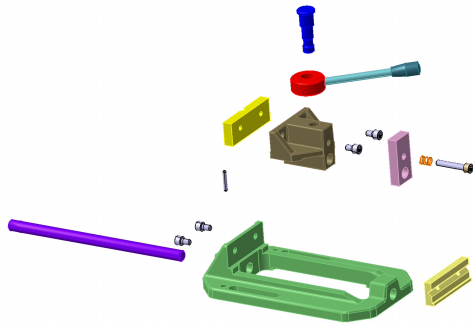
- click OK

the wallpaper changes to green color



- click on display->**tree->Open second level** the following tree is displayed



- using the previous procedure, create the following exploded view:





- make the drawing window active

- click on  Or on **Insert->Drawing->Layers->**  **Nouveau calque** to create a new layer
- click on **file->layout**
- to select **A3ISO**, check the box **Landscape**, a scale of **1:2** and click on **ok**

modification of the title block

- Click on **Edit->Background layer**

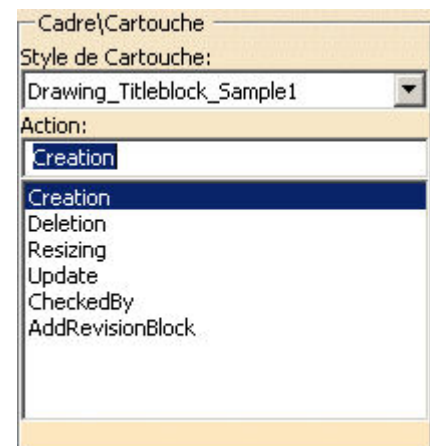
- click on  or on **Insert->Drawing->Border and Title Block** the following menu appears:

- choose the cartridge style: **Drawing_titleblock_Sample1**
- choose the action: **Deletion**
- click on 

the cartridge and the frame disappear

- choose the action: **Creation**
- click on **ok**

title block and frame are displayed



- make the modifications of the title block

- Click on **Edit->View Layer**
- insert scene **exploded_2**

with the help of TP2

- set up the numbering of the parts and the nomenclature as on the plan (see file)