

TP4a

Support: Hyper Frequency Boxes

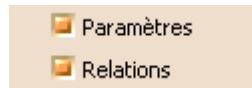
Objective: Create the library of Hyper Frequency Boxes

A few tips for setting up boxes

Checking Options

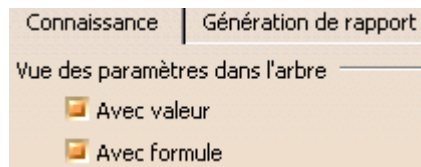
Display the parameters in the construction tree:

Tools - Options - Infrastructure - Part Infrastructure - Display:



Make the formulas appear in the construction tree:

Tools - Options - General - Parameters and Measurements - Knowledge:



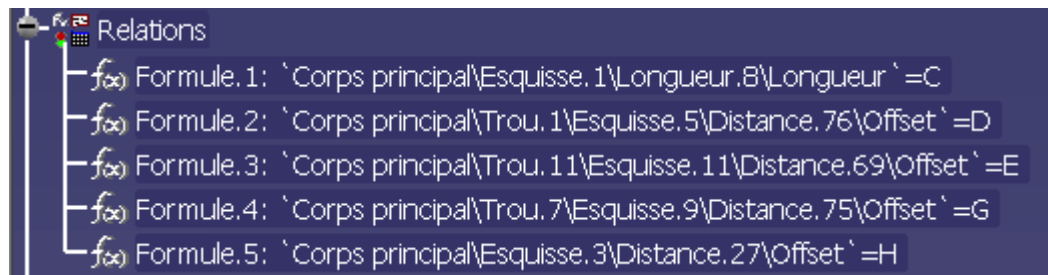
Creation of Parameters

Visualize the changes between Small, Medium, Large Hyper Frequency Boxes on the drawing

of definition Before embarking on the creation of the parameters, pay attention to the way in which this part was designed...

Assignment of parameters

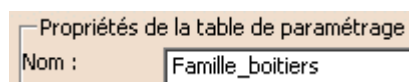
Here is the result of assigning parameters in the construction tree



Creation of the Parameters table

Save the table under P:\.....\Hyper_frequencies\Famille_boitiers.xls

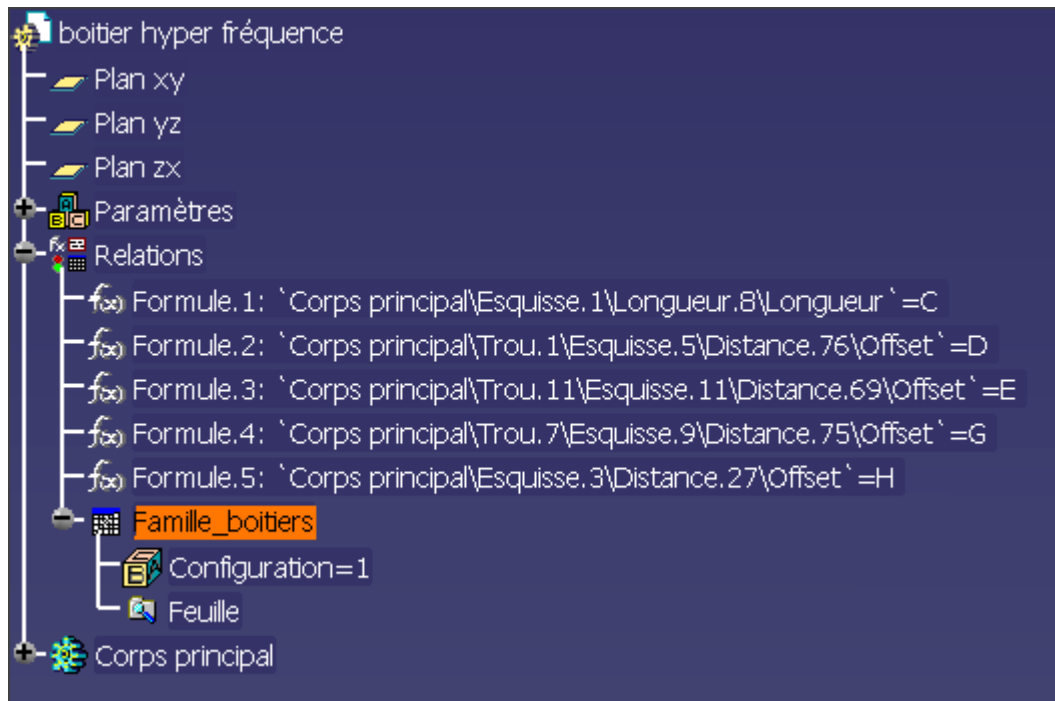
Give the name Family_boxes to the configuration table



Modify the table as below:

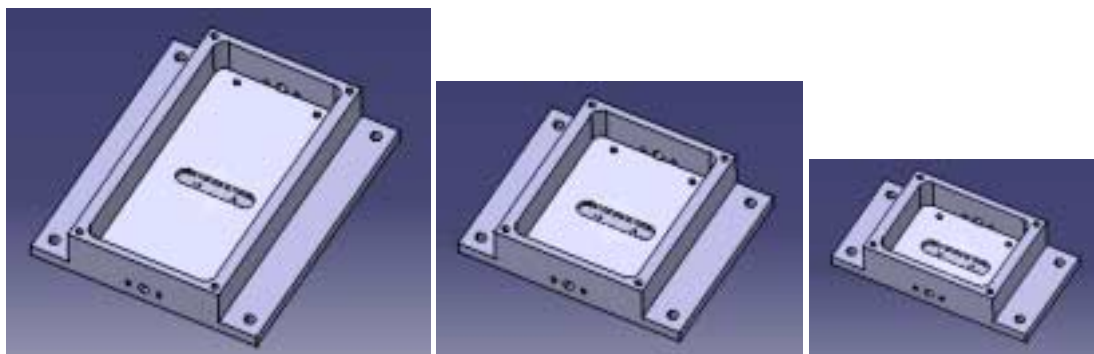
| | A | B | C | D | E | F | G | H | I |
|---|------------|------------|---------------|-------------|--------|--------|--------|--------|--------|
| 1 | Name | PartNumber | PartName | Designation | C (mm) | D (mm) | E (mm) | G (mm) | H (mm) |
| 2 | Boitier_HF | Boitier_1 | Boitier_Petit | Petit | | | | | |
| 3 | Boitier_HF | Boitier_2 | Boitier_Moye | Moyen | | | | | |
| 4 | Boitier_HF | Boitier_3 | Boitier_Grand | Moyen | | | | | |
| 5 | | | | | | | | | |

The build tree should look like this:



Configuration change

Here are the 3 configurations:

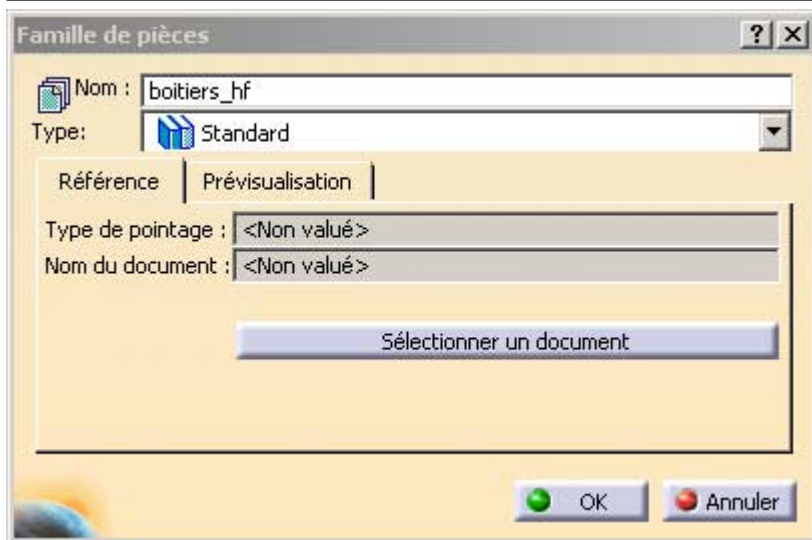


Creation of a library

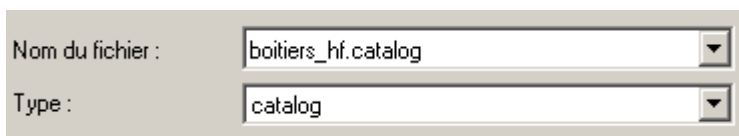
Name the Hyper_frequencies catalog



Change enclosure family name



Save catalog:



Here is the result !!!

