Document Browser 2

In the last task, you learned how to save a model into the **Document Browser**. In this task you'll learn that model files are not the only data types that can be stored in a project. In fact, any valid file type can be saved into a project, be it a drawing file, a document, an image, etc. We're going to retrieve the Pinion Flange model from the last task and create two ../../../../Documents — a drawing and a Word® document. Then we'll save those ../../../../Documents into the project. We'll also have a look at how the **Document Browser** can show how files interrelate.NOTE: It's recommended you complete the Document Browser 1 tutorial before proceeding with this task.

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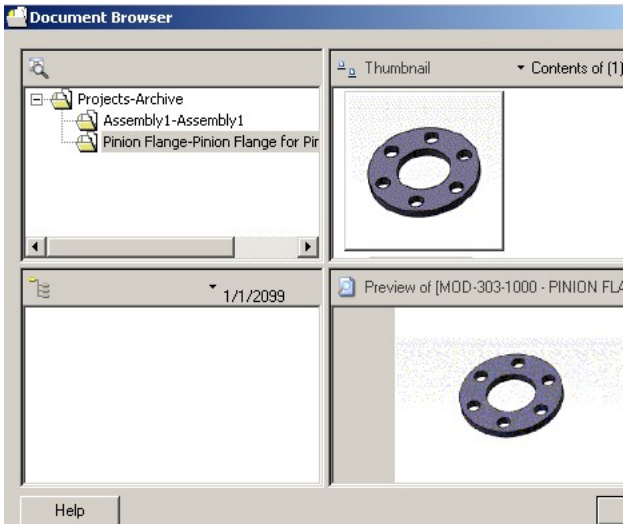
1. Step 1: Retrieve the Model

Before we can create the two ../../../../Documents, we need to retrieve the model file. In the last step, we saved the model into the Pinion project, so we'll simply use the **Document Browser** to get the file. Then we'll add some part data and resave the model.

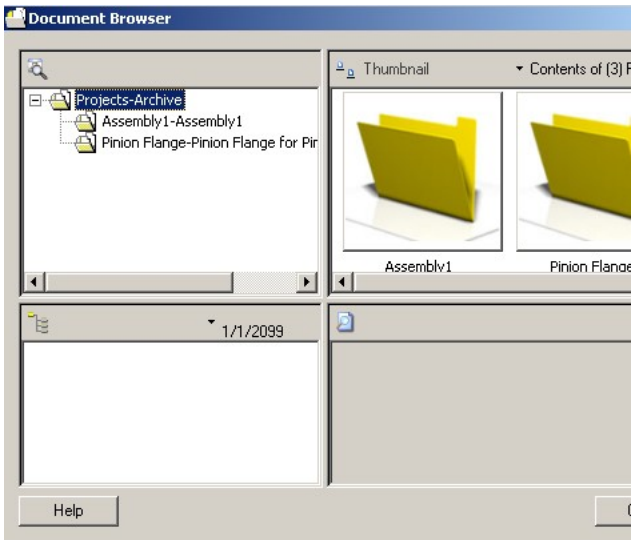


Okay, let's get going.

- Pull down **Tools**➪**Document Browser**.

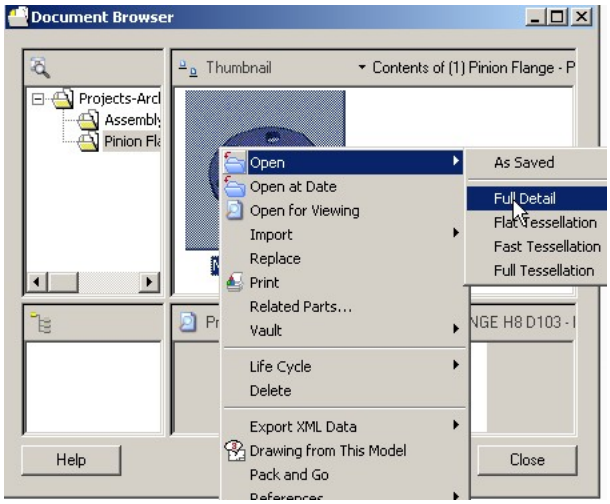
The **Document Browser** lists all the current projects in two ways: by hierarchy and graphically.

- In the project content area, double click on the Pinion Flange thumbnail.



You'll notice that the Pinion Flange project has only one item in it: A model file.

- Right click on the Pinion Flange thumbnail.
- In the context menu choose OpenFull Detail.
- Minimize the **Document Browser**.

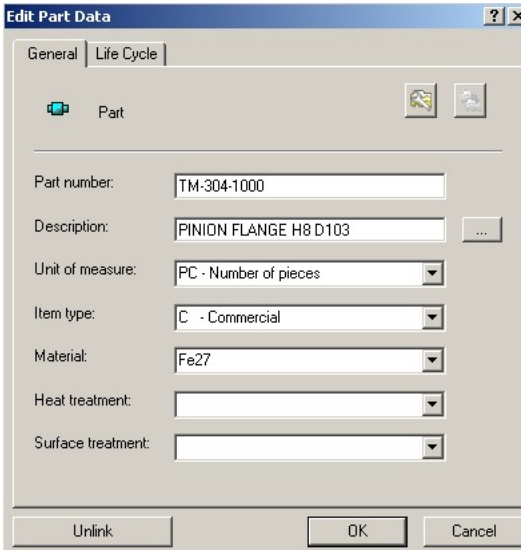


- In the History Tree, right click on MOD-303-1000.e3 and select Part Data >Edit from the context menu OR
- Select thinkteam > Part Data > Edit Part Data.

In the Parts Properties dialog we need to input some data.

- Set Part number: to TM-304-1000.
- The Description is PINION FLANGE H8 D103.
- Unit of measure: is PC - Number of pieces.
- Set the Item type: to C - Commercial.
- The Material: is Fe27.

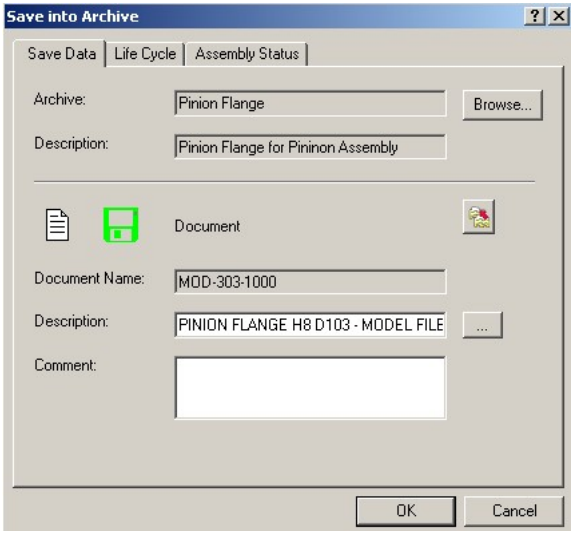
- Hit OK.



Let's save our changes.

- Pull down **File**➪**Save into Archive**.

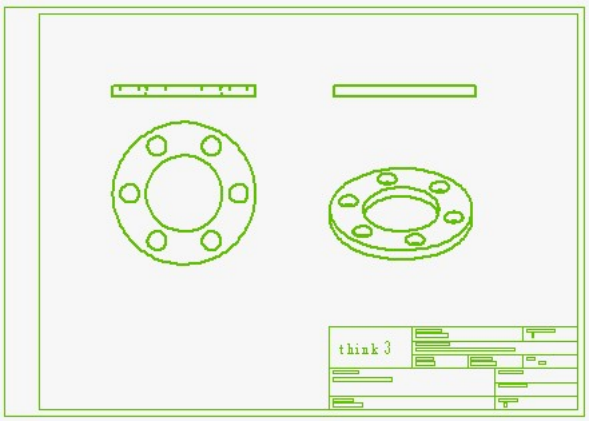
- Hit OK in the **Save into Archive** dialog box.



You just assigned part properties to the **New Model** Pinion Flange and saved the model in the **Document Browser**. Let's move on to creating the drawing.

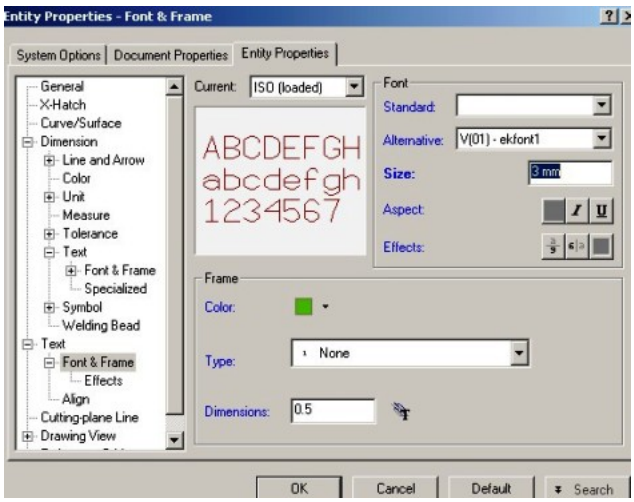
2. Step 2: Ready, Set, Draw!

Before we can insert a drawing into the **Document Browser**, we need to create a drawing. We'll take the Pinion Flange model, and apply the default drawing template, then make a few adjustments before adding part data. Then we'll add it to the project.



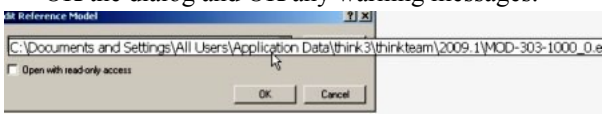
Now, let's make a drawing of this part.

- Open **New Drawing**.
- Right click in the workspace.
- Select Options/Properties to open the dialog box.
- In the Entity Properties tab, Text field, set the Size to 3mm.
- Hit OK.



Now we can insert the default drawing template.

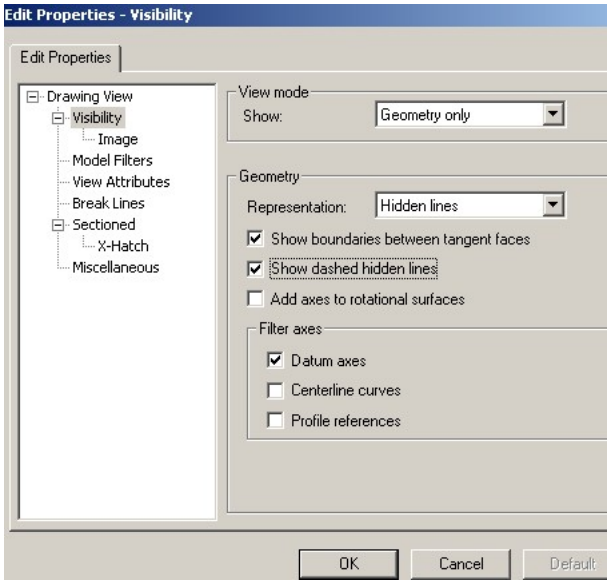
- Right click in the workspace.
- Choose **Insert**⇨**Drawing View**⇨**Main**⇨**Default Template**
- In the Edit Reference Model box, select the Pinion Flange model.
- OK the dialog and OK any warning messages.



The drawing of the Pinion Flange is pretty good, but HQ isn't going to like the way it looks. Better clean it up.

- Right click the front view — the one in the top left.
- Select **Properties** to bring up the Entity Properties dialog box.

- Click the Visibility field to see the visibility options.
- Check ☑ Show dashed hidden lines.
- Hit OK.

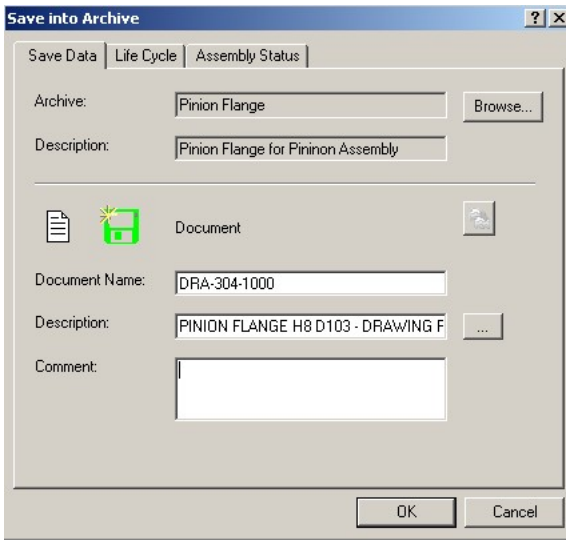


Now we can add the drawing to the project.

- Use **Zoom Entities** to zoom in on the title block.

The Part Properties we entered into the **Document Browser** show up in the drawing.

- Pull down **File**➪**Save into Archive**.
- Browse and select the Pinion Flange project if it isn't already the default



Let's fill in some data.

- Set the Name: to DRA-304-1000.
- Description: is PINION FLANGE H8 D103 - DRAWING FILE
- Hit OK.

Hey look! The document data that was missing before in the title block is now filled.

Let's have a look at the drawing inside the project.

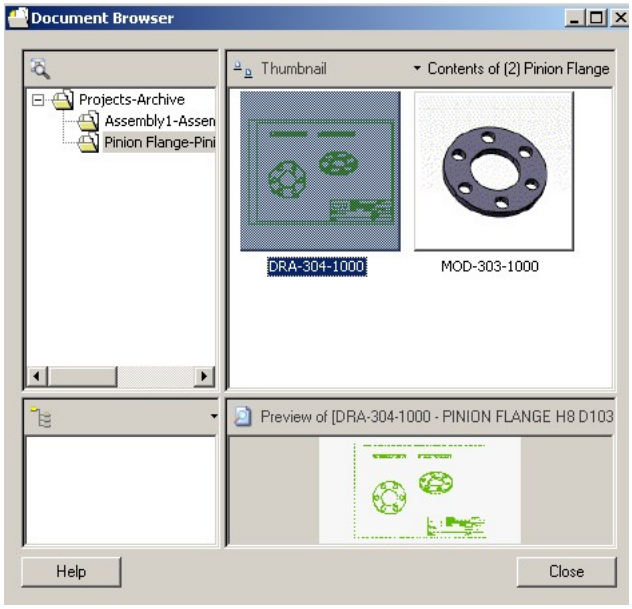
- Maximize the window.
- Click the Thumbnail: button.

That refreshes the view. The drawing appears as a thumbnail, next to the model in the Graphics Area.

That's great! Now we've got a drawing of the Pinion Flange in our project.

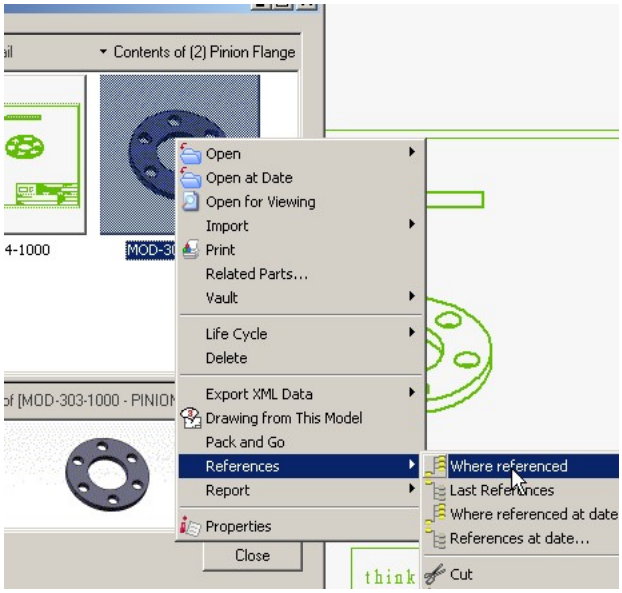
3. Step 3: Where is it used?

The **Document Browser** allows you to see the files stored in a project, as well as the dependencies that exist between files. For example, if dependencies exist between files, perhaps a drawing based on a model, or a component used in an assembly, you can view these dependencies. You can see the files in which a model is used, and where it's referenced. In this step you'll see how the model file and the drawing file interrelate.



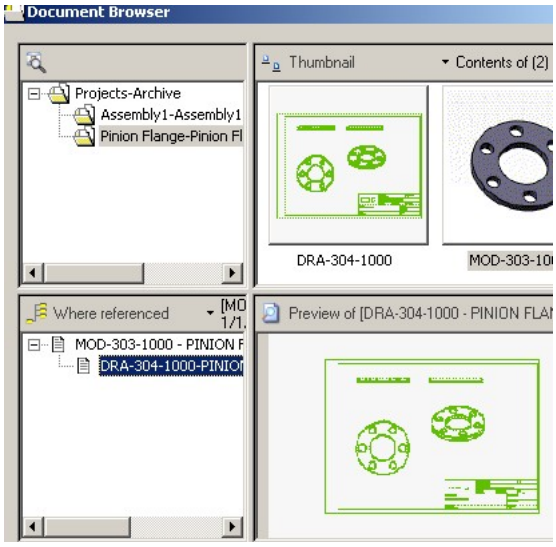
The **Document Browser** dialog window is split into two horizontal sections. Above is the Project-Archive Hierarchy and Project Content areas.

- Right click the Pinion Flange model thumbnail.
- Select References >Where referenced.



The bottom half contains the references and preview areas. The references area shows that the model (MOD-303-1000) has the drawing (DRA-304-1000) as a dependency.

- Click on the Pinion Flange in the references area.
- The model appears in the preview area.
- Click on the Pinion Flange drawing in the references area.
- The drawing appears in the preview area.

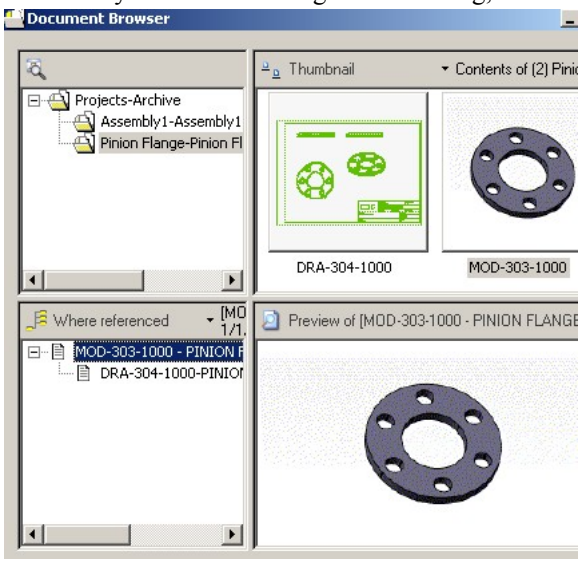


Back to the project content area in the upper right.

- Right click the thumbnail of the drawing (DRA-304-1000).
- Hit References >References.

In the bottom half of the screen, the references area shows the Pinion Flange model referenced by the drawing. The model is contained within the Pinion Flange drawing.

- Drag the bottom pane up completely to maximize the preview area.
- When you're done looking at the drawing, minimize the **Document Browser** to switch back to the model.

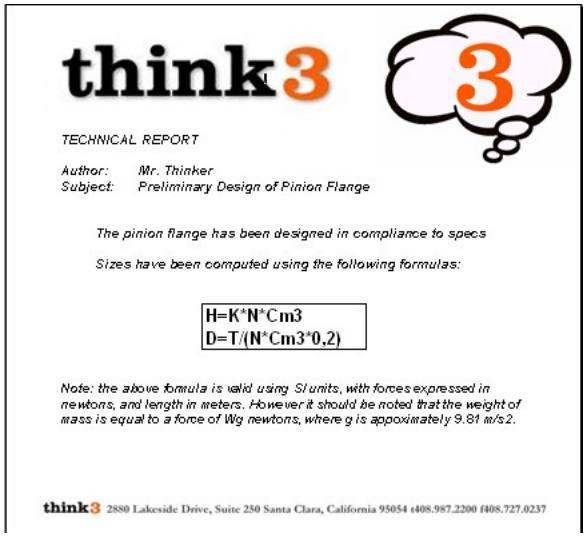


The last step of this tutorial shows you how to import a ThinkDesign object into Microsoft Word®, if you don't have Microsoft Word® simply read the next step and you will understand that any document or file type can be managed by the Document Browser.

4. Step 4: External document

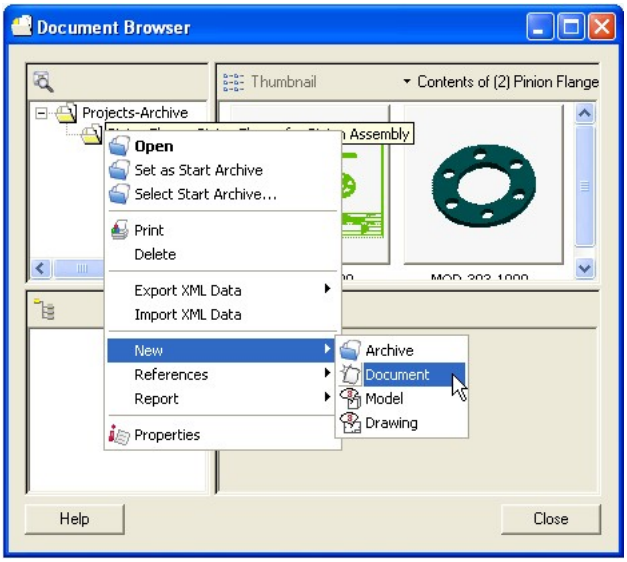
Okay, so you have Mr. Bill's tools, eh? You now have both the Pinion Flange model and the Pinion Flange drawing in the **Document Browser**. Let's add a some external document like a Word file to the project which

contains no geometric information related to the project and make this documentation set complete. This is a ../../../../Common situation in any design work flow.



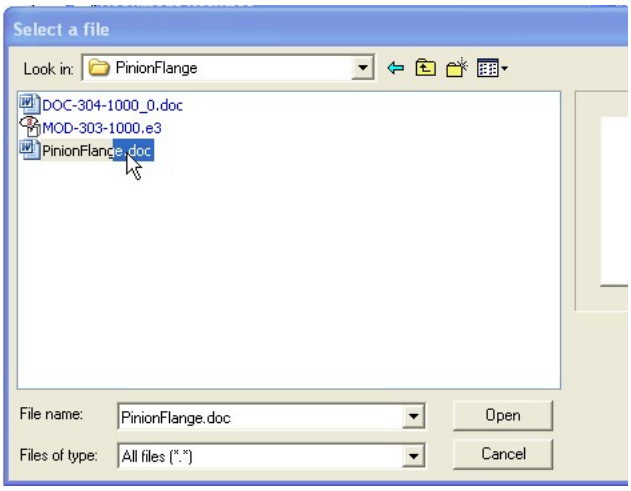
Let's bring back the **Document Browser** so we can save this document into the project. Remember, a project does not have to contain only models and drawings.

- Restore the **Document Browser** window.
- In the Project-Archive Hierarchy, right click the Pinion Flange project.
- Select New > Document.



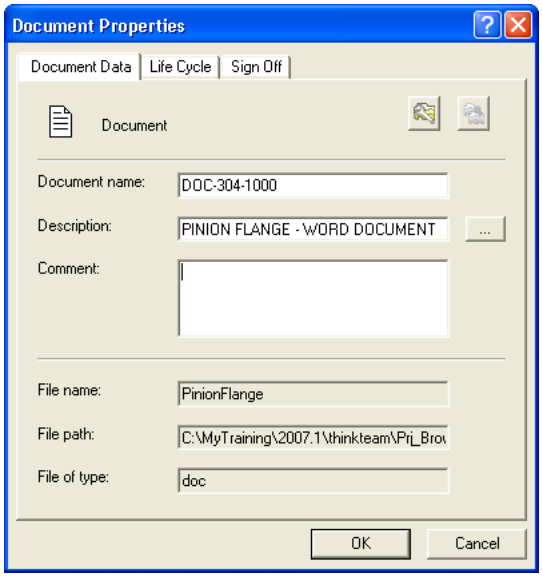
An Open dialog appears.

- Navigate to the PinionFlange.doc Word® document.
- Open it.



Fill in the ../../../../Documents Properties dialog.

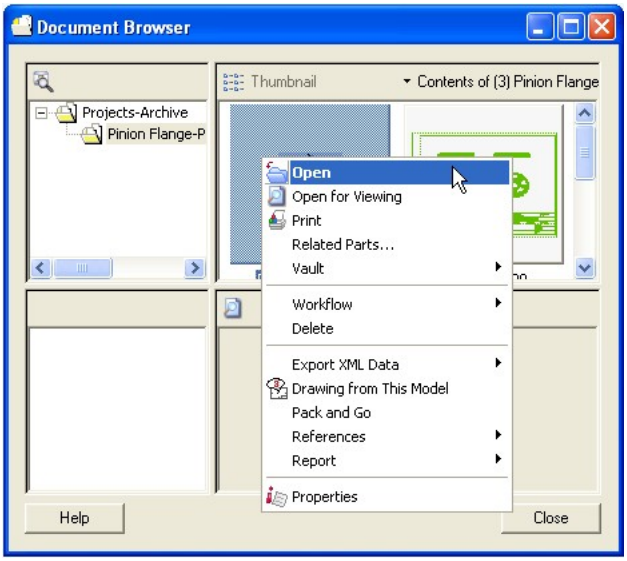
- Set the Document Name: to DOC-304-1000.
- The Description: is PINION FLANGE - WORD DOCUMENT.
- Hit OK.



The Word® document now appears in the Pinion Flange project. Good work!

- Right click in the Word® document thumbnail.
- Select **Open**.

For sure! It's the data sheet we just created.



That's it. You have brought in an external file into your project and the information it contains can be used by every user who has interest in your project. Cool!!!

- Exit from the Word® document.

CONGRATULATIONS! You've successfully created all the ../../../../Documents for the Pinion Flange model, and placed them in the **Document Browser** So, if you ever need to know anything about the Pinion Flange, you know where to go!