SOLID EDGE
VELOCITY SERIES

Tutorial: ***Head***

Project: ***Rocket (Draft)***

cad / cam / pdm / cae | CAAP®

Solution Partner PLM | SIEMENS

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	DATE : 29-10-2011	CHECKED BY : -	

MATERIAL : ABS Plastic, high impact	TITEL :	NUMBER :	REV:	SIZE:
PROJECT: Rocket	Head	1002	A	A4

1	1. Start **Solid Edge.** 2. Click on **ISO Draft.** 	
2	The template as shown is the Template from CAAP. You can download the Templates at the website of CAAP. The previous tutorial explains how to set the Templates&Reports.	
3	1. Click the **View Wizard** button.	

4 	1. Browse to the folder *Rocket*. 2. Open the document **Rocket-1002-Head-A**. 3. Click the **Open** button. ***Hint:*** *Make sure Part Document (*.par) is selected at Files.*	
5 	4. Make sure the options are set as shown and click on **Next**. 	
6 	1. Click the **Custom** button. 	

7	2. Click the **Custom View** button. 3. Make sure the front view is set. Point at the green dots in the Common Views and click to change the views. 4. Close the **Common Views**. 5. Click the **Close** button. 	
8 	1. Click the **Finish** button. 	
9 	2. Point the red area, as shown and click to place the views.	

10	3. Click the **View Wizard** button.	
11	4. Click the **OK** button.	
12	1. Make sure the options are set as shown and click on **Next**.	

13	2. Click the **Custom** button.	
14	3. Click the **Custom View** button. 4. Make sure the isometric view is set. Point at the green dots in the Common Views and click to change the views. 5. Close the **Common Views**. 6. Click the **Close** button.	
15	7. Point the red area, as shown and click to place the view.	

16	All views are placed in the **drawing**. Now the dimension can be placed. This will be explained at the next steps.	
17	1. Click the **Zoom Area** button.	
18	2. Select the area, as shown.	

19	1. Click the **Angle Between** button. 2. Click on the slanted line. 3. Click on the horizontal line. 4. Click to place the dimension.	
20	1. Click the **Smart Dimension** button. 2. Click on the left vertical line. 3. Click on the other vertical line, as shown. 4. Click to place the dimension.	
21	If the **Smart Dimension** is this active. 1. Click on the left vertical line. 2. Click on the other vertical line. 3. Click to place the dimension, as shown.	

22	1. Click on the left vertical line, as shown. 2. Click on the other vertical line. 3. Click to place the dimension, as shown.	
23	1. Click on the right vertical line. 2. Click on the other vertical line, as shown. 3. Click to place the dimension.	
24	If the **Smart Dimension** is still active. 1. Click on tje horizontal line. 2. Click on the other horizontal line, as shown. 3. Click to place the dimension.	

25 +	1. Click the **Select** button. 2. Click on the dimension. 3. Click the **Edit Definition – Prefix** button.	
26	1. Click in the Prefix Field. 2. Click on the diameter icon. 3. Click the **Apply** button. 4. Click the **OK** button.	
27	1. Click the **Smart Dimension** button. 2. Click on the horizontal line. 3. Click on the other horizontal line, as shown. 4. Click to place the dimension.	
28	1. Repeat the steps 25 and 26 to add the diameter icon.	

29	1. Click the **Smart Dimension** button. 2. Click on the horizontal line. 3. Click on the other horizontal line, as shown. 4. Click to place the dimension.	
30	1. Repeat the steps 25 and 26 to add the diameter icon.	
31	1. Click the **Chamfer Dimension** button. 2. Click on the vertical line, as shown. 3. Click on the Chamfer. 4. Click to place the dimension.	

32 +	1. Click the **Center Line** button. 2. Click on the **Center Line - Properties**.	
33	1. Select the Color: **Green**. 2. Click the **OK** button.	
34	1. Point the cursor at the middle point of the left vertical line and wait until the icon appears before clicking. 2. Point the cursor at the middle point of the right vertical line and wait until the icon appears before clicking.	

35	1. Click the **Fit** button.	
36	All **drawings** are ready. Now the file can be saved.	
37	Now we set the File properties. 1. Click the **Application Button**. 2. Click on **Properties**. 3. Click the **File Properties**.	

38	1. Click the **Summary** tab. 2. Fill in *Head* at Title. 3. Go to the **Project** tab and fill in the following properties: Document Number*: 1002*. Revision Number*: A*. Project Name: *Rocket*. 4. Click **OK** to close the screen.	
39	The File has to be saved in the folder: *Rocket*. 1. Click on the floppy icon. 2. Browse to the folder Rocket. 3. Save the document by name *Rocket-1002-Head-A.dft*. 4. Close the file. ***Hint:*** *Save all files of one project in the same folder.*	