

Excerpt from *Inventor R11: Conquering the Rubicon*

By Elise Moss

Available from Schroff Development Corp. (www.schroff.com)

Exercise 16-4

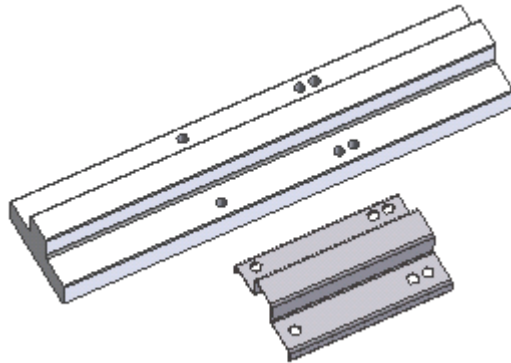
Place Inventor Content

File: Ex16-3.iam

Estimated Time: 20 minutes

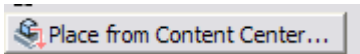
1. Open *Ex16-3.iam*.

2.



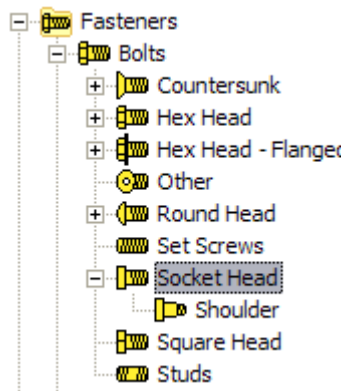
The assembly includes the bracket and the rail.

3.



Select **Place from Content Center**

4.

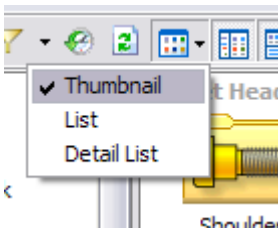


Expand the *Fasteners* category.

Expand the *Bolts* category.

Highlight the **Socket Head** category.

5.



You can set the browser to use a Thumbnail, List or Detail View.

Switch to a **Thumbnail View**.

6. Switch to a **List View**.

Note that there are several screw types in this folder.

7.



Select the **Search** tool.

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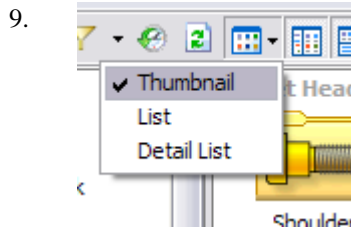
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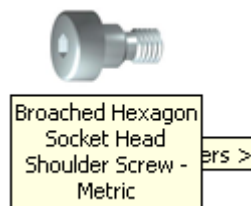
8. Type **Broached Hexagon** in the Search for: field.

Press **Search Now**.



Switch back to a **Thumbnail View**.

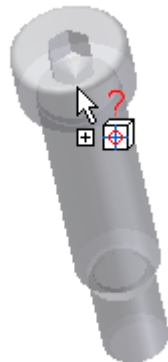
10.



When you highlight the icons, a complete description will appear.

Double click on the picture.

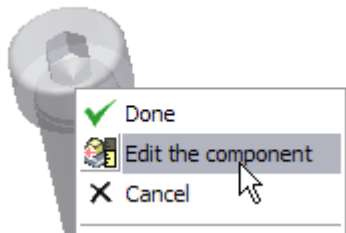
11.



Highlight the Broached Hexagon Socket Head Shoulder Screw- Metric part and press **OK**.

The part will appear at the end of the cursor.

12.



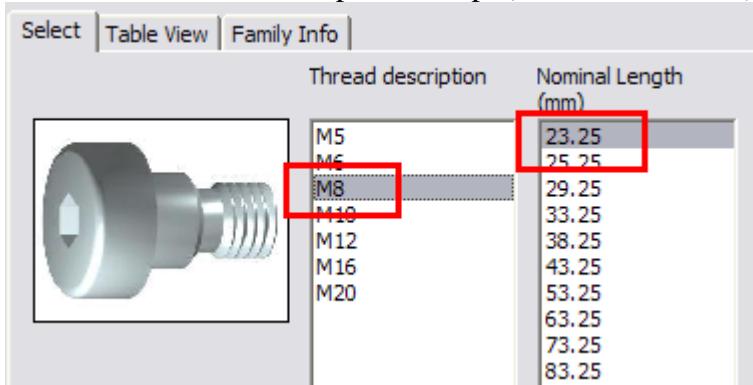
Right click and select **Edit the component**.

There will be a slight pause as the component's parametric table is loaded.

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13. In the drop down, select **M8** for the Thread.
Set the Nominal Length to **23.25 mm**.

Press **Apply**.

- 14.



The preview of the fastener updates.

Press **OK** to accept the new values.

15.

Thread description	Nominal Length (mm)
M5	23.25
M6	25.25
M8	29.25
M10	33.25
M12	38.25
M16	43.25
M20	53.25
	63.25
	73.25
	83.25

Thread description	Nominal Length (mm)
M5	23.25
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