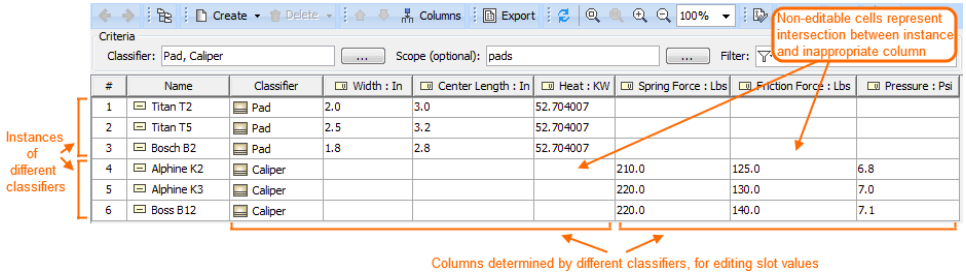
Filling the table with instances

The following outlines how to fill the Instance Table for the specified classifier:

- Create new instances.
- Create new instances with parts.
- Add already existing instances.
- Copy and paste instances from another resource (HTML, Excel, Word, etc.).



#	Name	Classifier	Width : In	Center Length : In	Heat : KW	Spring Force : Lbs	Friction Force : Lbs	Pressure : Psi
1	Titan T2	Pad	2.0	3.0	52.704007			
2	Titan T5	Pad	2.5	3.2	52.704007			
3	Bosch B2	Pad	1.8	2.8	52.704007			
4	Alphine K2	Caliper				210.0	125.0	6.8
5	Alphine K3	Caliper				220.0	130.0	7.0
6	Boss B12	Caliper				220.0	140.0	7.1

To create a new instance

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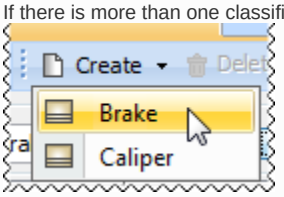
1. On the table toolbar, click the **Create** button.

   The new instance can be created only if the classifier is already specified for the Instance Table. Otherwise, the **Create** button is not available.

   If there is more than one classifier specified, from the menu of the button, select a classifier for which you need to create an instance.

   The new instance is added to the Instance Table as the last row.
2. Type the instance name and specify slot values.

To create a new instance with parts

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1. On the table toolbar, click **Create** > **Create with Parts**.

   The new instance with nested parts is created if:

   - the classifier is specified for the Instance Table. Otherwise, the **Create with Parts** button is not available.
   - the nested properties are displayed as columns in the Instance Table.

To add an existing instance

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1. On the table toolbar, click **Create** > **Add Existing**. The **Select Instance Specification** dialog opens.
2. In the tree or list on the left side of the dialog, select an element and add it to the Selected elements list. You can select more than one element.
   Elements available for selection:
   - Instances of one or more classifiers specified for the table. An instance is available if it belongs to at least one of the classifiers.
   - Packages that contain these instances. In this case, the contents of a selected package, but not the package itself, will be added to the table.
3. Click **OK** when you are done.
   The selected instance is added to the table as the last row.

   - You can drag a selected element to the contents of the Instance Table directly from the Model Browser.
   - To select adjacent elements, select a single element and then hold down the Shift key while you click other elements.
   - To select nonadjacent elements, select a single element and then hold down the Ctrl key while you click other elements.

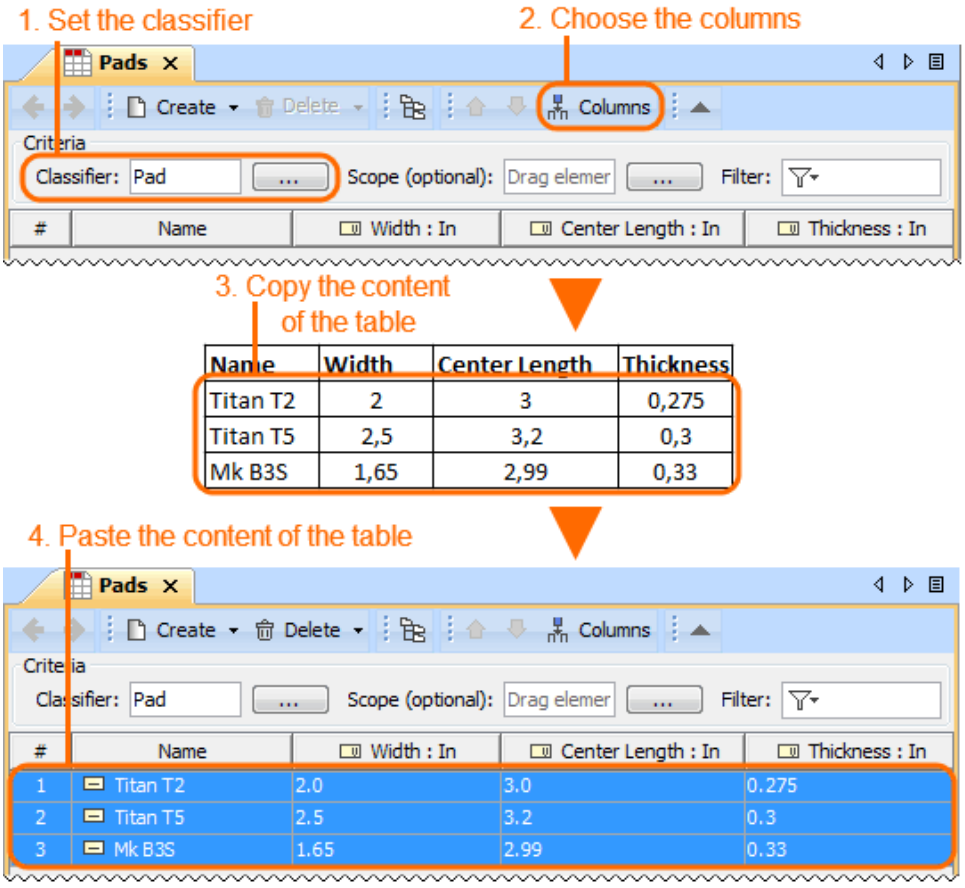
To copy and paste instances from another resource

1. Copy the content of the table from another resource.

   - The number of columns in that table should be the same as the number of columns in the Instance Table.
   - The data types of columns in the Instance Table must be compatible with copied information.

2. Open the Instance Table where you want to paste the copied data.
3. Make sure the Classifier is specified in the Criteria area.
4. In the table toolbar, click the **Columns** button and choose columns of instance slot values that you want to fill with copied information.

   - The cells must be editable in the Instance Table.

5. Press Ctrl+V (Cmd+V on OS X).
   Each row displays one instance with its slot values.

   - If an instance already exists in the model, the information updates.
   - If instances have ID prefixes in another resource, they are automatically set after the copy-and-paste command only for pasted instances in the Instance Table. Manage ID prefixes in the **Element Numbering** dialog.