CaManSys IV Productivity Suite is a collection of tools to help increase the value of your Autodesk Inventor investment. It consists of an Inventor Addin that provides a property pane for viewing and editing the properties of various Inventor objects. Functionality of the addin is provided through a collection of plugins that include the following:

- iProperties
- iFeatures
- Dimensions

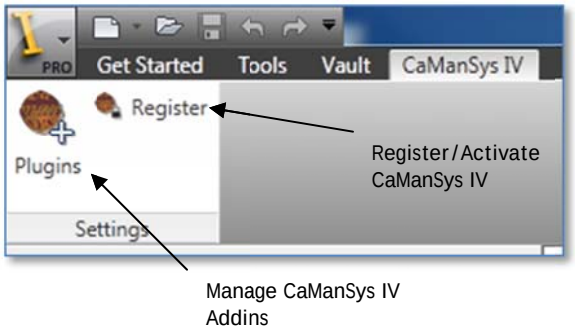
#95 Millbank Rd Southwest
Calgary, Alberta · T2Y 2Y9
Phone: 403.457.0710 ·Fax 403.457.0720 ·Toll Free: 877.679.4965
Website: www.camansol.com · Email: info@camansol.com

User Interface

When you first open Inventor after installing *CaManSys IV Productivity Suite*, you are presented with a *CaManSys IV* ribbon, and the *CaManSys IV Property Pane*.

Ribbon

The ribbon provides access to Addins, and License Activation, and the *Property Pane* allows editing of various Inventor Object Properties.



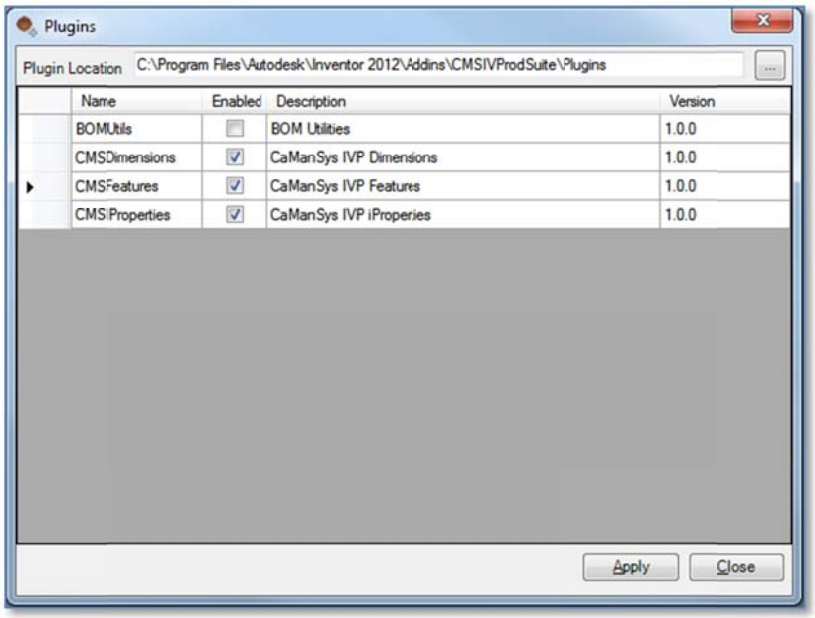
Register

Register/Activate your CaManSys IV Productivity Suite license.

Important: When entering or changing your license key, you must run Inventor as Administrator, or the license will not be saved to your computer.

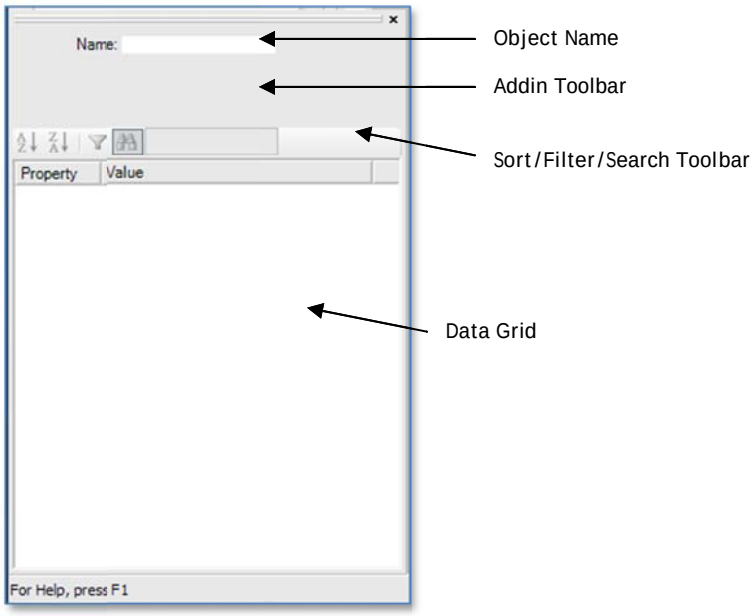
Addins

The Addin Button allows you to control which CaManSys IV addins are loaded. They can be enabled, or disabled using the checkboxes in the *Enabled* column.



Property Pane

The Property pane is dockable, and is broken into four sections.



Object Name

The Object Name textbox allows you to rename the object.

Addin Toolbar

The Addin Toolbar is dynamic, and based on the currently selected object.

Sort/Filter/Search Toolbar

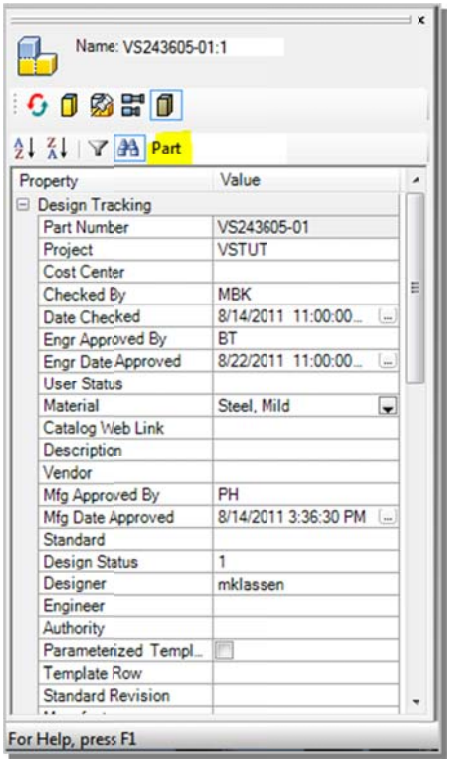
The Sort/Filter Toolbar allows the grid to be sorted, or filtered according to current Requirements.

Sort in Ascending Order.

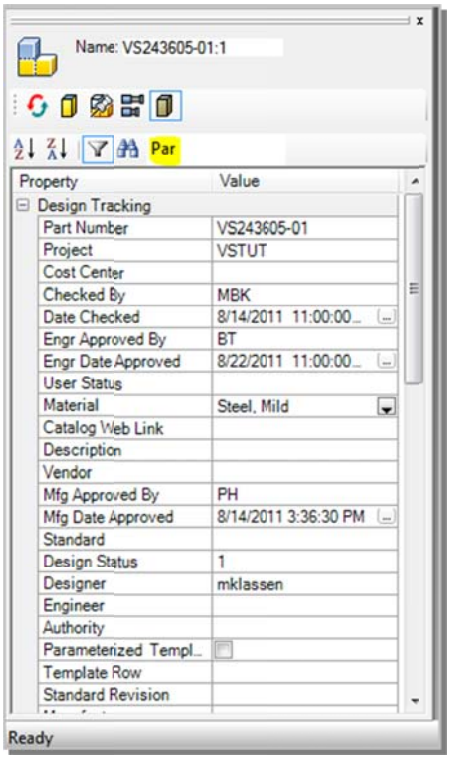
Sort in Descending Order.

If no cell is selected, sorting will be by Property Name, otherwise the sorting is performed on the Property Value column. To turn off sorting, uncheck the button.

To search for specific criteria, enter the value in the *Search* textbox, and hit enter. This will cycle through all Property Names that contain the search criteria.



To filter for specific fields, enter the criteria in the textbox, and click the *Filter* button. The list in the grid will be limited to your criteria. To turn filtering off, uncheck the button.



Data Grid

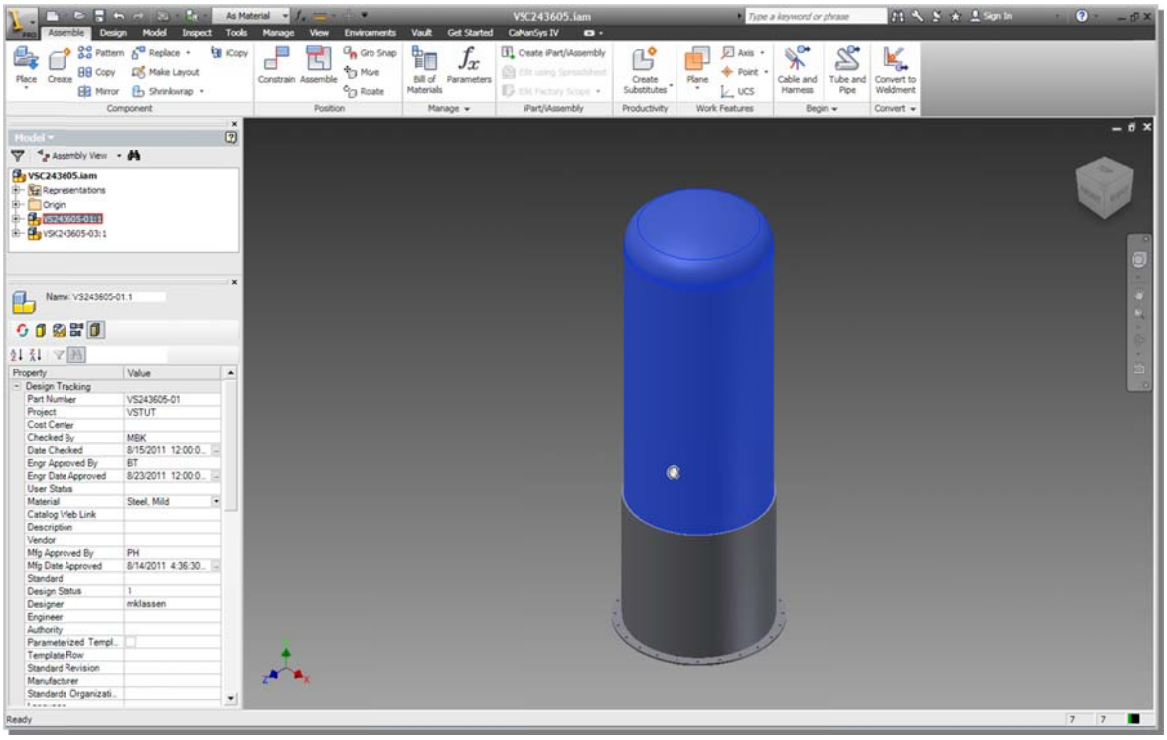
The Data Grid displays the properties of the currently selected object.

CADD Management Solutions

CaManSys IV Productivity Suite
User Guide
iProperties

CaManSys IV Productivity Suite iProperties module allows access to the iProperties of your model. Used as a plugin to the CaManSys IV Productivity Suite foundation, the module seamlessly integrates with Inventor.

When a component is selected in an assembly, either using the browser, or in the graphics window, the iProperties appear in the property pane.



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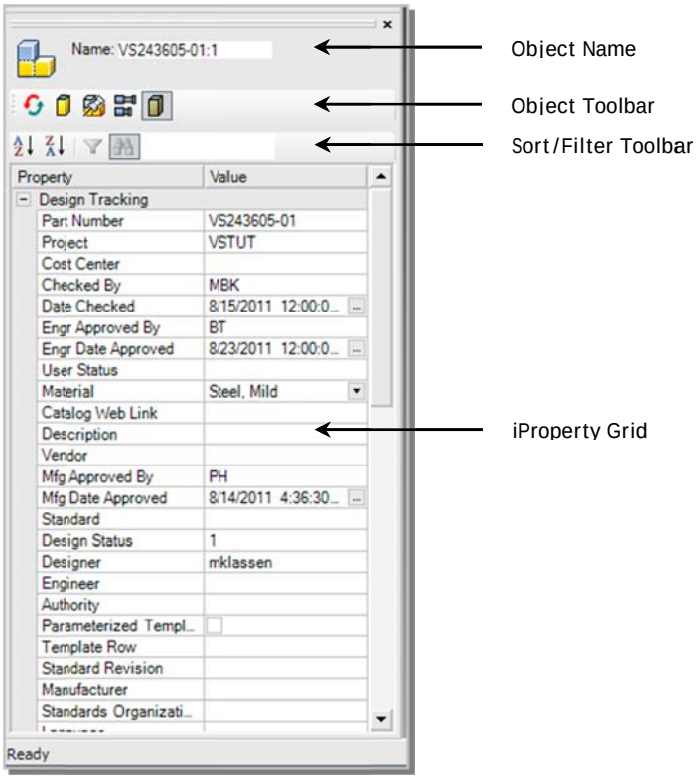
iProperty User Interface

The iProperty Pane is divided into four sections.



Object Name

The Object Name textbox allows you to rename the object.

Object Toolbar

The Object Toolbar allows access to the various states of the object.

Turn Part/Assembly Adaptivity on/off

Turn Part/Assembly Suppression on/off

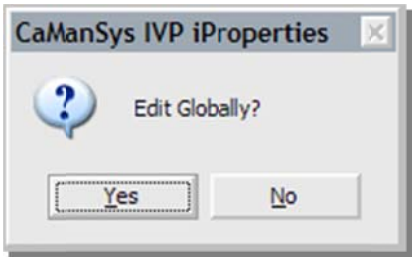
Turn Part/Assembly Grounding on/off

Turn Assembly Flexibility on/off

Enable/Disable Part/Assembly

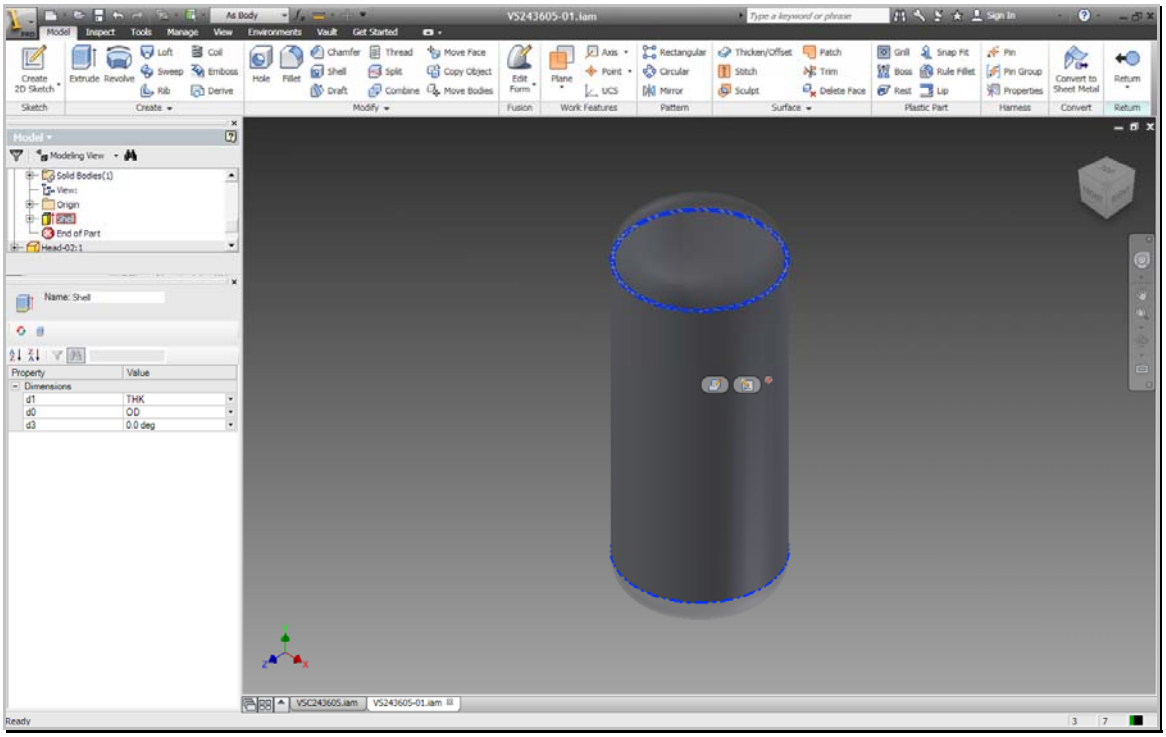
iProperty Grid

The iProperty Grid displays the iProperties of the currently selected object. All editable properties are accessible. Project specific properties may be edited globally. When editing a Project property, a confirmation screen will appear to confirm. Click *Yes* to change the setting across all components or *No* to change the currently selected object only.



CaManSys IV Productivity Suite iFeatures module allows access to the iFeature properties of your model. Used as a plugin to the CaManSys IV Productivity Suite foundation, the module seamlessly integrates with Inventor.

When an iFeature is selected, either using the browser, or in the graphics window, the iProperties appear in the property pane.



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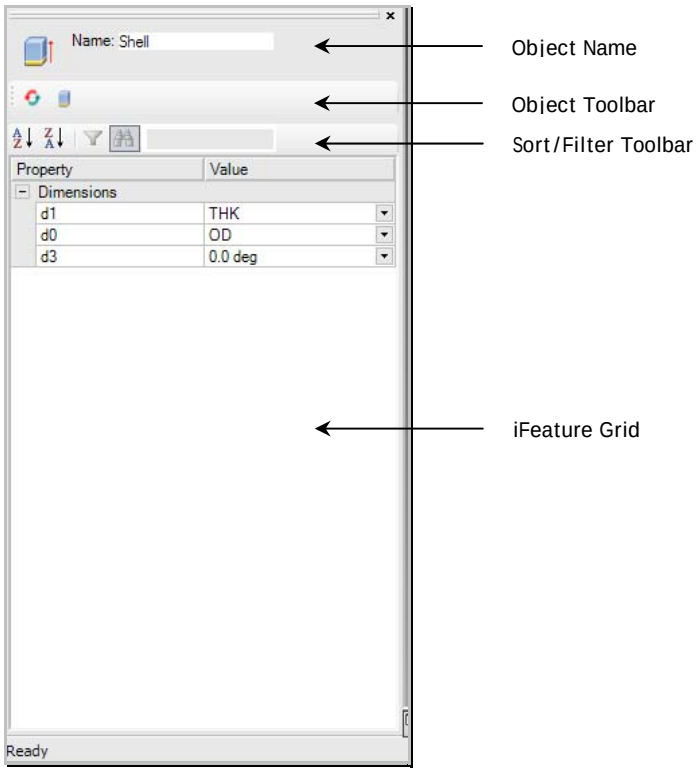
iFeature User Interface

The iFeature Pane is divided into four sections.



Object Name

The Object Name textbox allows you to rename the object.

Object Toolbar

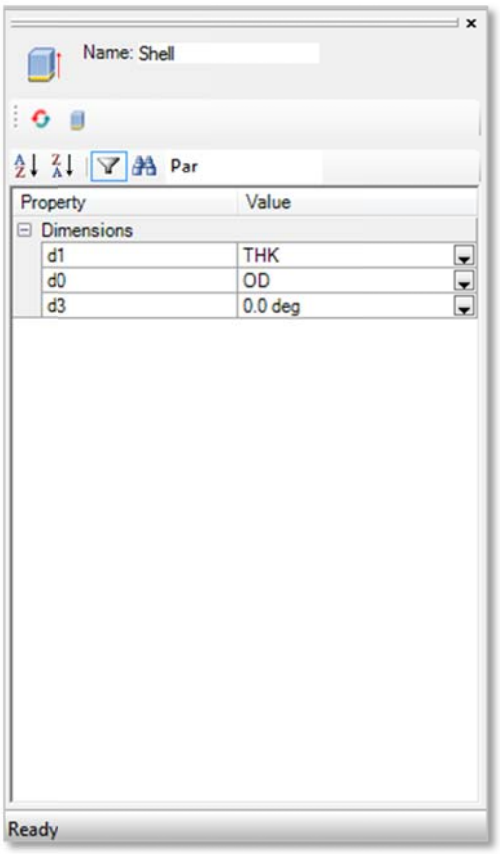
The Object Toolbar allows access to the various states of the object.

Turn iFeature Adaptivity on/off

Turn iFeature Suppression on/off

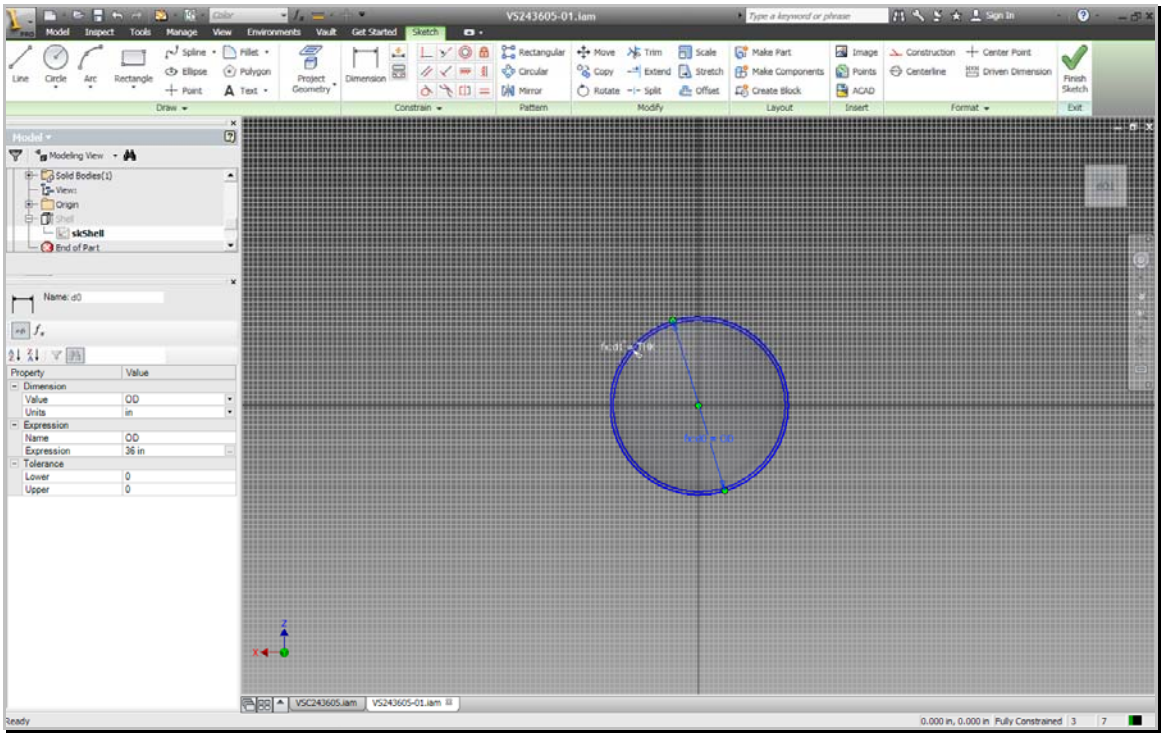
iFeature Grid

The iFeature Grid displays the dimensions of the currently selected object. Additional Dimensions are available by clicking the dropdown icon for the cell.



CaManSys IV Productivity Suite Dimensions module allows access to the sketch dimensions properties of your model. Used as a plugin to the CaManSys IV Productivity Suite foundation, the module seamlessly integrates with Inventor.

When an iFeature is selected, either using the browser, or in the graphics window, the iProperties appear in the property pane.



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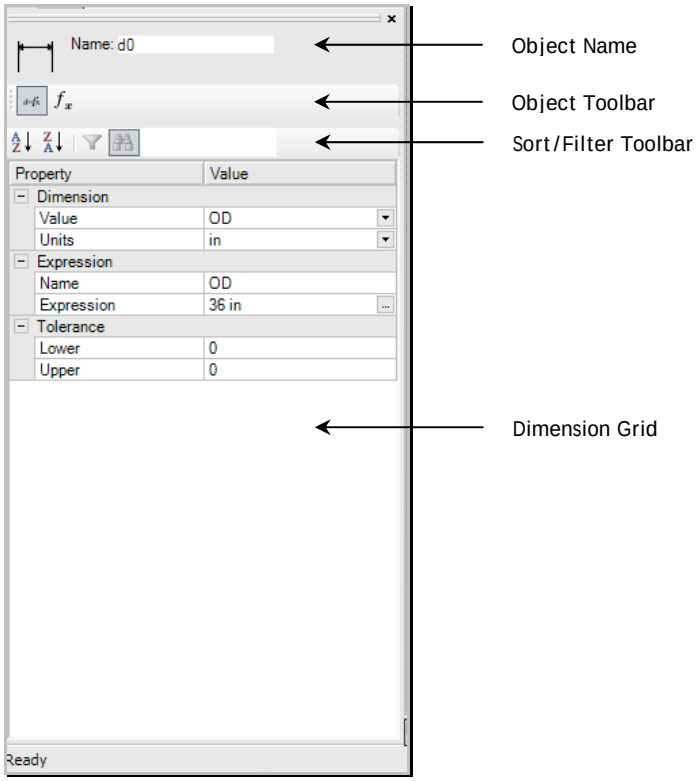
Dimension User Interface

The Dimension Pane is divided into four sections.



Object Name

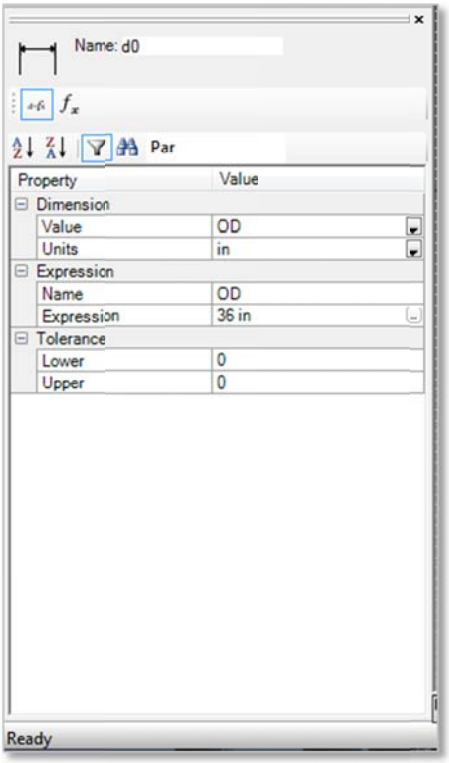
The Object Name textbox allows you to rename the object.

Object Toolbar

The Object Toolbar allows access to the various states of the object.

Toggle Dimension Display between values, and expressions

Open the Parameters Dialog box

Dimension Grid

The Dimension Grid displays the values of the currently selected dimension. Additional Dimensions are available by clicking the dropdown icon for the cell. The ellipses button in the *Expression* field opens the *Parameters* Dialog box where all parameters may be modified. You may also change the dimensions units.