






# TITLE BLOCK TABLES

You can create title block tables in parts and assemblies and link the table information to the configuration-specific properties of the document.

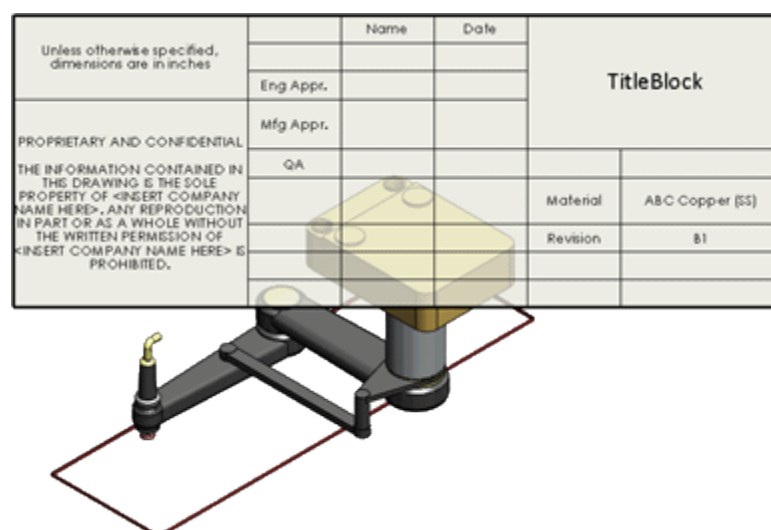
Title block tables behave in a similar way to tables in drawings. As with other SOLIDWORKS tables, you can customize title block table templates and save them for future use.

Title block tables provide a method to communicate, in a part or an assembly, the values you might otherwise communicate in a drawing's title block, eliminating the need to create a drawing.


## Creating Title Block Tables

1. In a part or assembly, click Title Block Table  (Table toolbar) or Insert > Table > Title Block Table .
2. In the PropertyManager, do one of the following:
  - To use a template to create the table, under Table Template, click Open template for Title Block Table , in the dialog box select a template, and click Open.
  - To create a title block table without using a template, under Table Size, select the number of Columns and Rows for the table.
3. If you are creating the table without using a template, under Border, do one of the following:
  - Click Use document settings to use the border settings stored with the part or assembly.
  - Clear Use document settings and select a line weight for the Box Border  and Grid Border .
4. Click .
5. In the graphics area, drag and click to position the table.

The table appears translucent, so you can see the model.



6. To size the table proportionally:

1. Move the pointer over the upper left corner and click .
2. In the PropertyManager, under Title Block Table Scaling, use the dial control to modify the table size.

You can also change the borders.

3. Click .

You can also drag a corner of the table in the graphics area to resize the table, but the font size does not change proportionally.

7. Edit the table using the table cell, row, and column toolbars that display when you click in a cell. See *Table Cell, Row, or Column Toolbar*.
8. Right-click in the table to display a menu that lets you:
  - Add and manipulate columns and rows
  - Save the table as a template
  - Open the table in a separate window
  - Print the table and model


To print the table alone, open it in a separate window and print from that window.

## Configuration-Specific Properties in Title Block Tables

When a part or assembly has multiple configurations, the title block table can display the property values of the active configuration.

If configuration-specific properties are not defined but custom properties are, the custom properties are displayed.

To link configuration-specific properties to title block table cells:

1. Add a title block table to a part or assembly with multiple configurations.
2. Double-click a cell you want to link to a configuration-specific property.
3. Click Link to Property  (Note Formatting toolbar).
4. In the Link to Property dialog box, click Current document.
5. Select the property to link to from the drop-down list.  
If the list does not contain the property you want, click File Properties and on the Configuration Specific tab, add a property.
6. Click OK.  
The value is added to the cell.
7. Repeat steps 2 through 6 to link configuration-specific values to other cells.
8. In the ConfigurationManager, change to another configuration and repeat the procedure to add and link to property values that are specific to that configuration.
- 9.

## Hiding Title Block Table Cell Borders

You can hide cell borders for adjacent cells in a title block table. This lets you combine several cells with different font sizes and justification to create the appearance of a single cell.

For example, you might want to make text easier to read by bolding a heading and indenting subordinate text and also want all the text to appear to be in one cell.

To hide cell borders:

1. Type and format the text in each cell.
2. Shift + click to select all the cells.
3. Right-click and click Hide Borders.
4. Click away from the cells.  
The border between the cells is hidden.
5. To restore the cell borders, Shift + click to select all the cells, right-click, and click Show Borders.

You can also:

- Hide the borders of all cells in a row by right-clicking the row number and clicking Hide Borders.
- Hide the borders of all cells in a column by right-clicking the column identifier and clicking Hide Borders.

## Inserting Images in Title Block Tables

You can insert company logos or other images into a title block table. The inserted image is associated with the table so that it updates appropriately when you pan, zoom, or resize the table.

To insert an image into a title block table:

1. Right-click in the table and click Select > Table .
2. Click Insert > Object.
3. In the Insert Object dialog box:
  - a. Click Create from File.
  - b. Click Browse, browse to the file, select it, and click Open.
  - c. Click Link, and then click OK.


The image attaches to the anchor point in the upper left corner of the table.

4. Drag the image to reposition it in the table.
5. Drag the image's handles to resize it.  
After you establish the image's size in relation to the table, the size adjusts proportionally if you resize the table by opening the PropertyManager and using the Title Block Table Scaling control.

## Title Block Table PropertyManager

Use the Title Block Table PropertyManager to insert a title block table into a part or assembly.

To open this PropertyManager:

Click Title Block Table  (Tables toolbar) or Insert > Tables > Title Block Table.

### Table Template




Click  to browse to an existing title block table template (file extension .sldtbt).

## Table Size

If you do not select a title block table template, you can set the number of table Columns and Rows.

To change the number of columns and rows after creating the table, right-click in the table border and select Insert or Delete.


### Border

	Use document settings	Uses border settings stored with model.  To change document settings, click Options  (Standard toolbar) or Tools > Options . On the Document Properties tab, under Drafting Standard, expand Tables and click Title Block Table.  Clear this option to set border widths manually.
	Box Border	Sets a line thickness for the outside border of the table.
	Grid Border	Sets a line thickness for the inner grid lines of the table.

### Text Format

All uppercase	Select to specify that all characters in the table are uppercase.
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### Title Block Table Scaling

After inserting the table, click  in the upper left corner to display the Title Block Table PropertyManager with the Title Block Table Scaling control.

Use the control to change the table size.

# TITLE BLOCK MANAGEMENT

You can select the notes in title blocks that can be entered and changed in drawings.

You can define the title block before creating a template:

- Specify which fields are editable by template users.
- Specify a hotspot area that users click to enter title block data.

## Contents

- Defining or Editing Title Blocks

You can define or edit title blocks to specify which properties are editable by users of a drawing. When you define the title block, you also specify a hotspot area that drawing or template users select to enter title block data.

- Entering Title Block Data







When a drawing sheet template has editable title block fields, enter the title block data in each drawing that uses the template.

## Defining or Editing Title Blocks

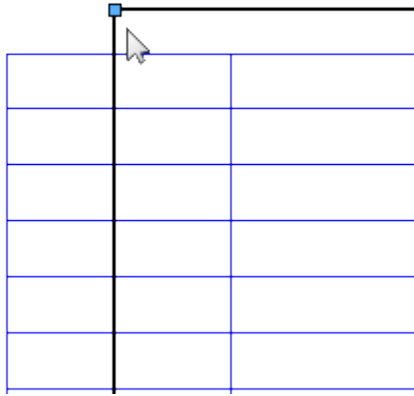
You can define or edit title blocks to specify which properties are editable by users of a drawing. When you define the title block, you also specify a hotspot area that drawing or template users select to enter title block data.

To define or edit a title block for use in templates:




1. Do one of the following:

- On the Sheet Format toolbar, click Edit Sheet Format , then click Title Block Fields .
- On the Sheet Format CommandManager, click Edit Sheet Format , then click Title Block Fields .
- In the FeatureManager design tree of a drawing, right-click Sheet Format and click Edit Sheet Format . Then right-click Sheet Format and click Title Block Fields .

2. Drag a corner to resize the rectangle laid over the title block area.




This rectangle defines the hotspot that users of the drawing click to enter data in the title block. You can select a hotspot of any size.

3. Select notes in the title block.  
The selected notes specify the title block data that users can enter into this drawing or into a drawing created from a template based on this drawing.
4. Click arrows  or  to reorder selected items in the Title Block Notes list in the Title Block Table PropertyManager.  
The note order determines the order in which notes are presented to template users when they tab through the fields.
5. To aid users, type informational text for each selected note in the Tooltip field.
6. Click  .  
Save the drawing as a template.

## Entering Title Block Data

When a drawing sheet template has editable title block fields, enter the title block data in each drawing that uses the template.

To enter title block data in a drawing:


1. In the FeatureManager design tree, expand Sheet > Sheet Format.
2. Under Sheet Format, right-click Title Block Table  and select Enter Title Block Data.

Title Block Table appears in the FeatureManager design tree only if there are editable title block fields. To create editable title block fields, see *Defining or Editing Title Blocks*.

Data fields that you can edit are highlighted.



You can hover over data fields to view tooltips about what text to enter.

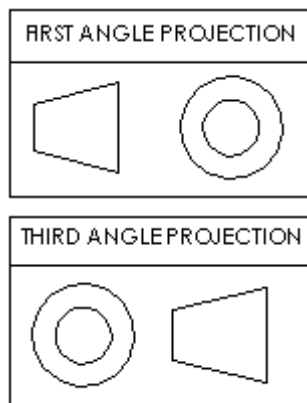
3. For each data field, click the field and then enter text.
4. Click  .

## Example: Using Blocks

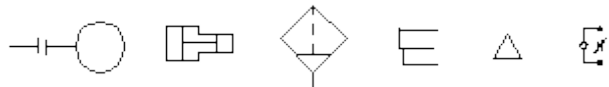
Title block

<b>SolidWorks</b>		
TITLE: TITLE - LINE 1 TITLE - LINE 2		
SIZE <b>A</b>	DRW. NO. <b>SW00000-23</b>	REV. -
SCALE: 1:2	WEIGHT	SHEET 1 OF 1

First angle and third angle projection



Routing schematic symbols



Notes

NOTES:

1. ALL UNSPECIFIED FILLETS ARE 3MM
2. DRAFT ANGLE = 2DEG

MACHINING NOTES:

1. DEBUR ALL EDGES AFTER MACHINING



Special symbols not found in the standard annotations

