



## Customization of Attribute Format

When creating a 2D drawing, many different part attributes will be used in BOM table or title block. As shown in Figure 1, lots of default part attributes are available when creating a BOM table.

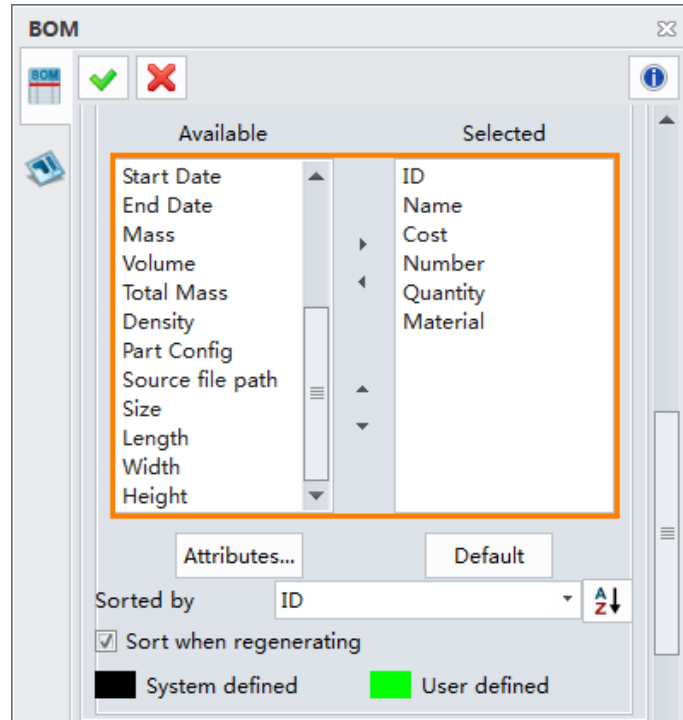


Figure 1. Available Attributes in BOM Table

After that, you will get the default result of part attributes. In ZW3D 2017, the display format of part attributes can be customized.

Let's learn how to customize the attribute format through the following case.

### Date Format

The default date is the similar to system long date & long time, as shown in figure 2 and 3.

ID	Name	Quantity	Material	Start Date	Size
1	Base	1	Aluminum	Wed Oct 26 19:35:43 2016	185*150*105
2	Sliding Jaw	1	Aluminum	Wed Oct 26 19:37:04 2016	90*35*101

Figure 2. Default Date Format

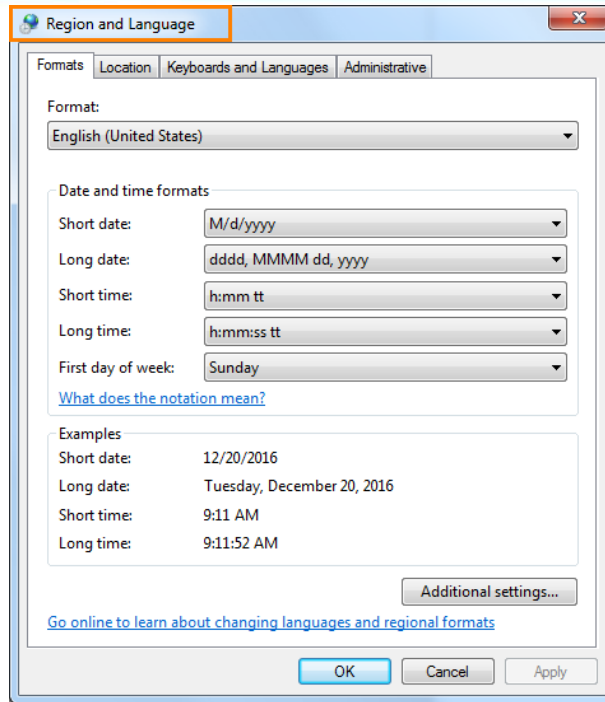


Figure 3. System Date and Time

Users can follow these steps to make a customization of date format.

**Step 1.** Hover your cursor over the BOM table, then double click the title of the date column to define the column type.

**Step 2.** Change the <Default> option to <Equation>, as shown in figure 4.

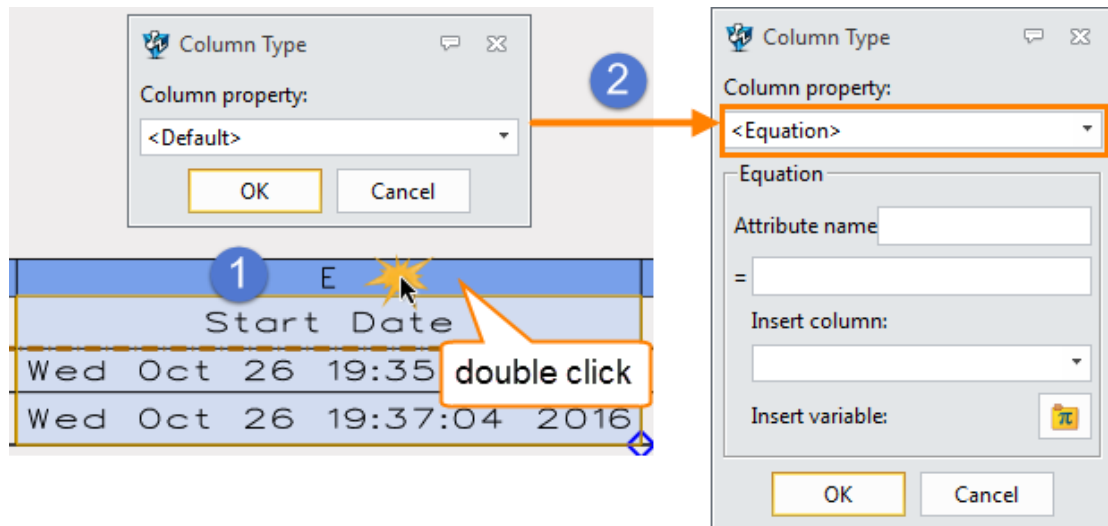


Figure 4. Change the Column Type

**Step 3.** Define the equation. Attribute name and attribute value must be inputted. You can click the icon in the lower right corner to choose the needed variable, as shown in figure 5.

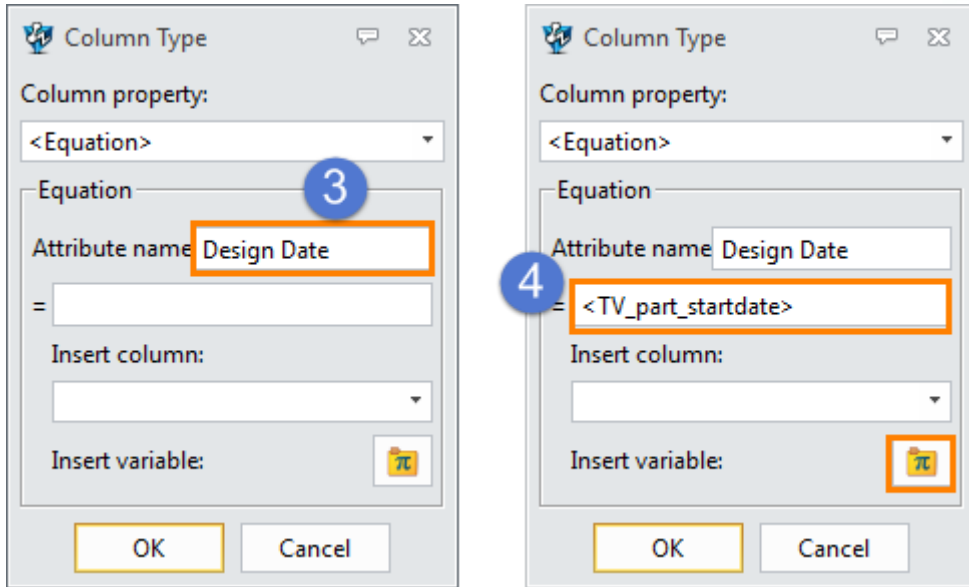


Figure 5. Redefine Column Property

**Step 4.** This is a key step. Add a suitable suffix to customize the attribute format, such as <TV\_part\_startdate%D(s)>, as shown in figure 6.

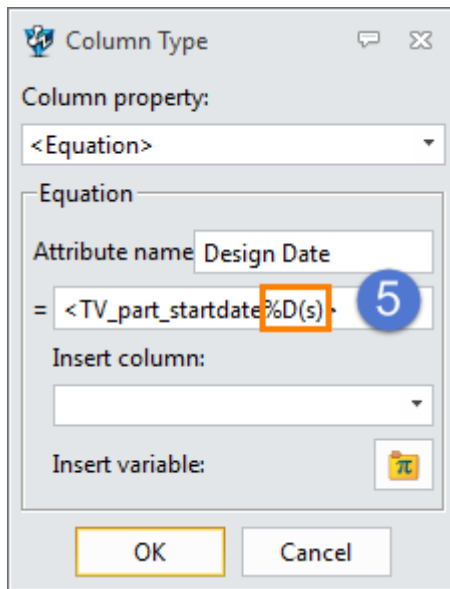


Figure 6. Format Customization of Attribute Value

Then you will get the updated BOM table, as shown in figure 7.

ID	Name	Quantity	Material	Design Date	Size
1	Base	1	Aluminum	10/26/2016	185*150*105
2	Sliding Jaw	1	Aluminum	10/26/2016	90*35*101

Figure 7. Updated Format



In this case we learn the main steps of customization of attribute format in the BOM table. Through similar operation, you can also finish the format customization of other attributes in the 2D drawing.

The table below lists some common-used expressions for customization of attribute format.

	Expression	Result
<b>Date</b>	<TVpart_startdate%D(L)T(S)>	Tuesday, August 10, 2016 5:31 PM
	<TVpart_startdate%D(S)>	8/10/2016
<b>Precision</b>	<TVPart_Volume%0.2>	104.98 mm <sup>3</sup>
<b>Size</b>	<TV_Part_Height%0.2>&"X"&<TV_Part_Width%0.2> &"X"&<TV_Part_Length%0.2>	30X140X180

Figure 8. More Format Customization