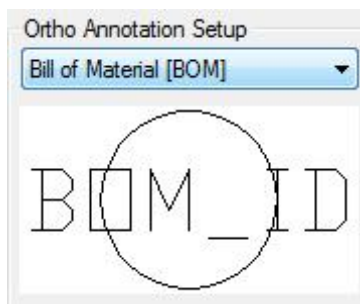


## To create an Ortho BOM annotation (Project Setup)

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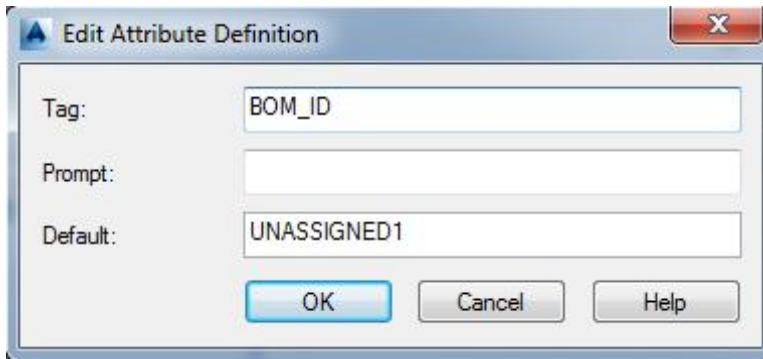
If you do not have an Ortho Bill of Material [BOM] annotation defined for your project you can add one in Project Setup.

**Note** If you attempt to create an Ortho BOM annotation and do not have a BOM annotation setup defined in your project an error message displays: *Project has no BOM annotations defined.* A BOM annotation setup specifies a block with a BOM\_ID attribute definition tag and applies to Pipe Run Components and Fasteners.



To set up a BOM Annotation in Project Setup:

1. In the Project Setup tree, expand Plant 3D DWG Settings ► Plant 3D Class Definitions ► Piping and Equipment.
2. Click Pipe Run Component.
3. Under Ortho Annotation Setup, click Add Annotation. The Symbol Settings dialog box displays.
4. In the Symbol Name box, enter a name. For example, *Bill of Material [BOM]*.
5. In the Use Target Properties list, click Yes.
6. In the Use Leader list, click Yes.
7. If the block name is empty do the following:
  - Under Block, click the ellipsis ( ... ).
  - In the Select Block Drawing dialog box, specify *projSymbolStyle.dwg* in your project folder. The Select Block dialog box displays.
  - In the Available Blocks list, click a block name (for example: Oval Tag Style\_3dblock).
  - Click OK to close the Select Blocks dialog box.
8. Click OK to close the Symbol Settings Dialog Box.
9. Under Ortho Annotation Setup, click Edit Block.
10. In the Block Editor, double click on the attribute definition to display the Edit Attribute Definition dialog box.
11. In the Tag box, enter BOM\_ID.



Click OK to close the Edit Attribute Definition dialog box.

12. Optional: Specify text justification for the attribute definition (for example: Middle Center) and outline geometry for the block. For example, create a 0.15 inch or a 4.5mm radius circle.
13. In the Ribbon, in the Block Editor tab, click Close Block Editor and save changes.
14. Optional: If you want to support BOM annotation for Fasteners such as gaskets, in the Project Setup tree, click Fasteners and repeat steps 3-13. Specify a different name in step 4 ( for example: *Bill of Material Fasteners [BOM]* ).
15. Click OK to close Project Setup.

## Related Tasks

- [To work with Ortho BOMs](#)
- [To Add Line Number Column to an Ortho BOM](#)

## Related References

- [Commands for Ortho BOM](#)

## Related Concepts

- [About Ortho Bill of Material \(BOM\)](#)