

Mechanical Parts Library Template

The Mechanical Parts Library Template is used only by the Visio Technical Mechanical Parts Library, which provides a comprehensive parts library of commonly-used mechanical shapes in standard or custom dimensions. You can use the Mechanical Parts Library to create over 15,000 bearings, bolts, fasteners, seals, steel and aluminum sections, and washers from a library of shapes that are linked to a comprehensive parts database.

Each stencil holds master shapes that can be inserted from different viewpoints. When you drag a shape from a stencil onto the page, Visio Technical displays the [Hardware Editor](#) and prompts you to set properties (standard, dimensions, length, type, perspective, or thread style).

You don't need to look up the standard sizes and types of the parts you want to insert. For each shape that you drop, the Hardware Editor provides an easy method for selecting settings for the shape's standard, dimensions, length, type, view, or thread style.

To change settings at any other time, right-click the shape, then choose Change Dimensions > Settings > Standard or View or Thread Details. Or choose Change Dimensions, then click the Size, Length, or Type list. To quickly copy a shape, select it, then press Ctrl+drag the shape to a new location.

In the Mechanical Parts Library Template, you can:

- Select an industry standard for the shape.
- Select a standard part type.
- Change the default page size and drawing scale.

See also:

[Creating a fastener](#)

[Editing shapes with the Hardware Editor](#)

[Using the Mechanical Parts Library](#)

[Working with shapes created with the Mechanical Parts Library](#)

