

3D Model Batch Converter Training

3DModelBatchConverter_Training.zip



3D Model Batch Converter - Overview



Main Functions

- Provides various types of 3D file conversion functions
- Supports batch conversion of multiple files
- Offers detailed settings before converting 3D files

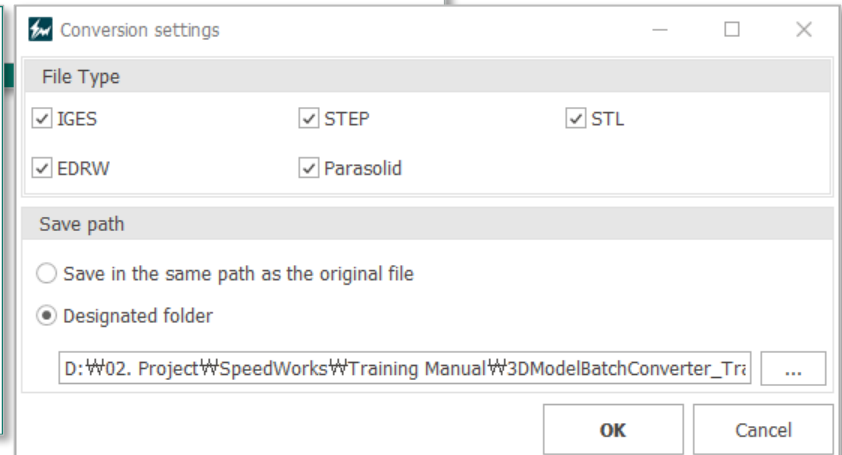
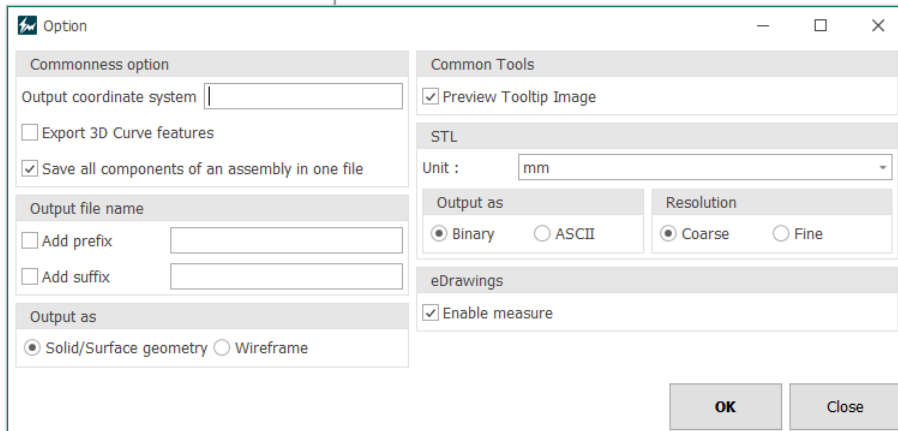
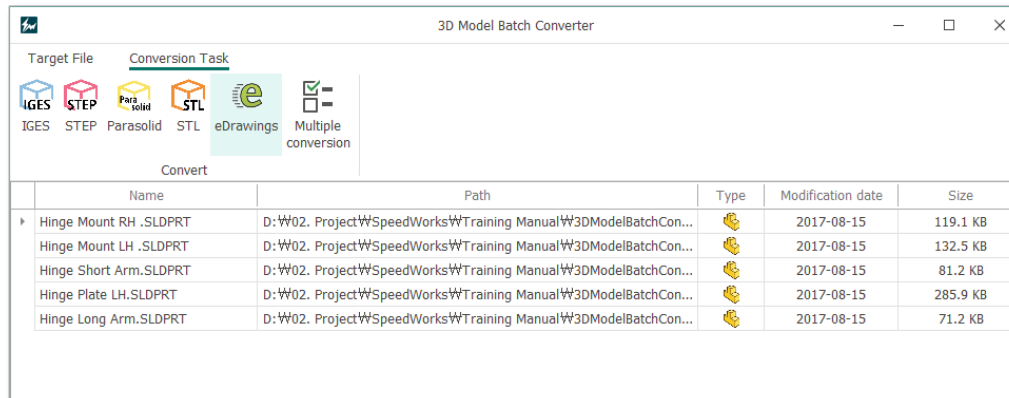


Benefits

- Automation of repetitive file conversion tasks
- Automatic conversion by folder unit, reducing work time
- Multiple file conversion to eliminate repetitive tasks



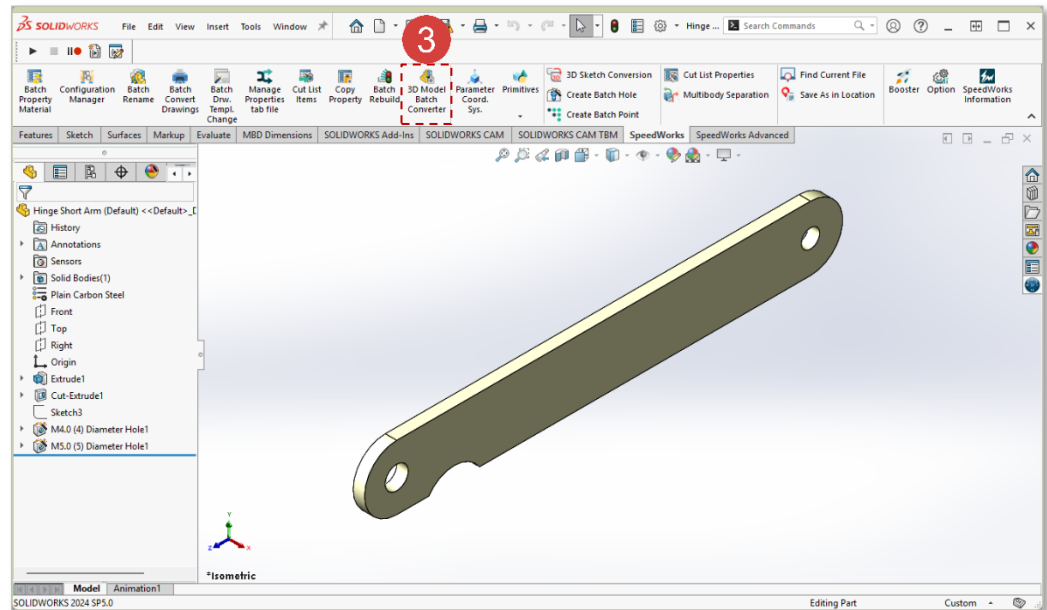
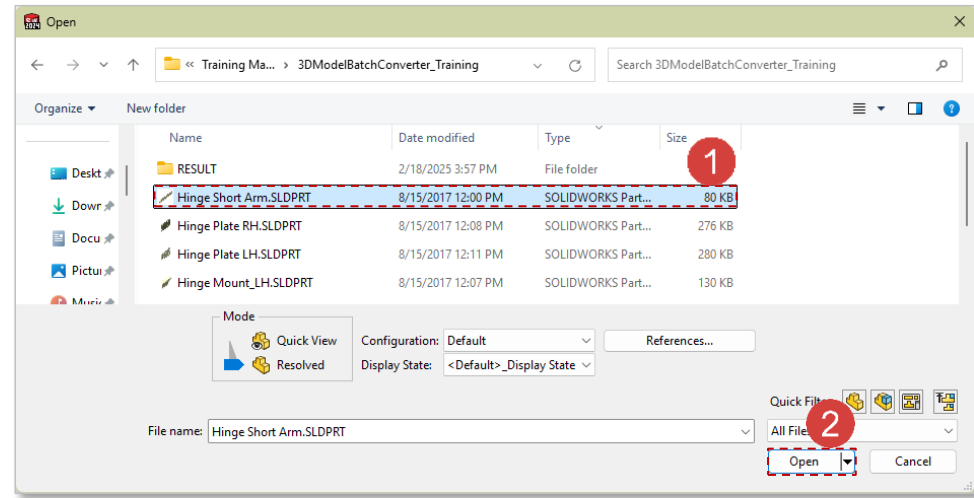
Course Objective: Follow instructions through the course and learn how to use 3D Model Batch Converter.



3D Model Batch Converter - Execute

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

- 1 Execute **Hinge.Short Arm.SLDPRT** file among example files.
- 2 Click **[Open]** button.
- 3 Click **[SpeedWorks]** tab - **[3D Model Batch Converter]** button to run the tool.



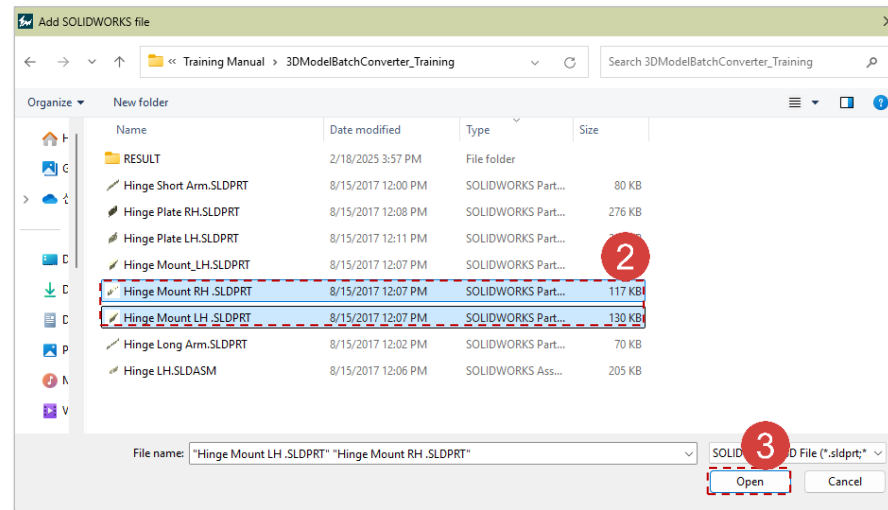
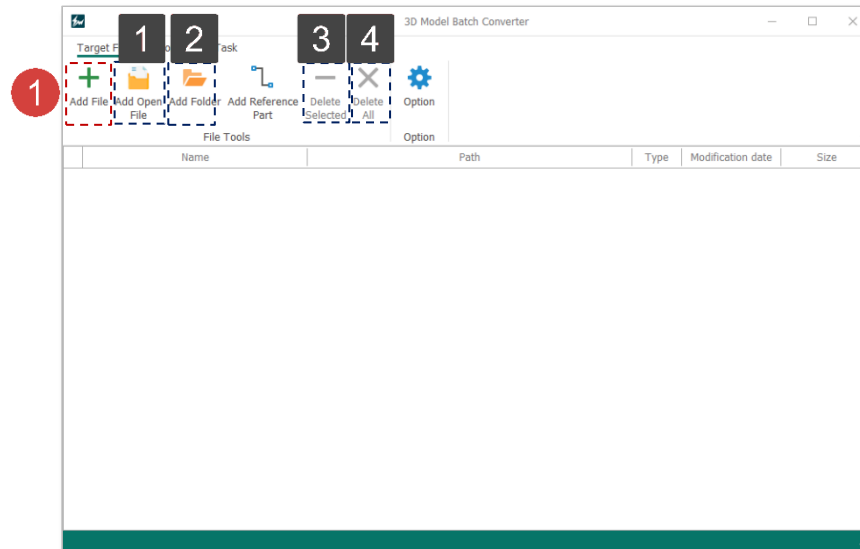
※ You can download example files at Support page in SpeedWorks Homepage(<https://speedworks.info>).

3D Model Batch Converter - Add File

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

- 1 Click **[Add File]** button.
- 2 Select file **"Hinge Mount LH.SLDPRT, Hinge Mount.RH.SLDPRT"**.
- 3 Click **[Open]** button.

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- 1 The currently running file can be added via the **[Add Open File]** button.
 - 2 All SOLIDWORKS files within a folder can be added via the **[Add Folder]** button.
 - 3 Selected files can be deleted via the **[Delete Selected]** button.
 - 4 All files can be deleted via the **[Delete All]** button.

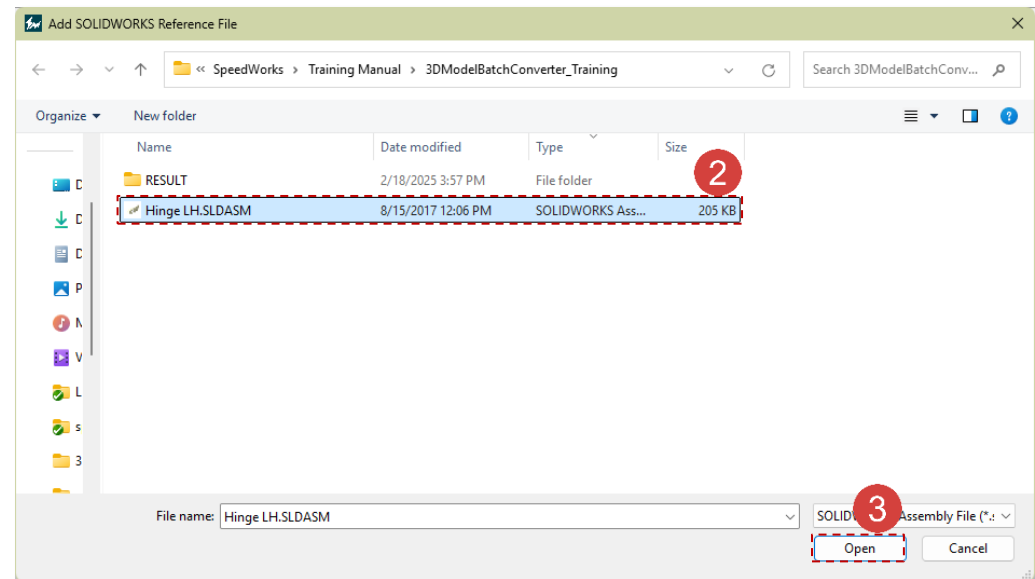
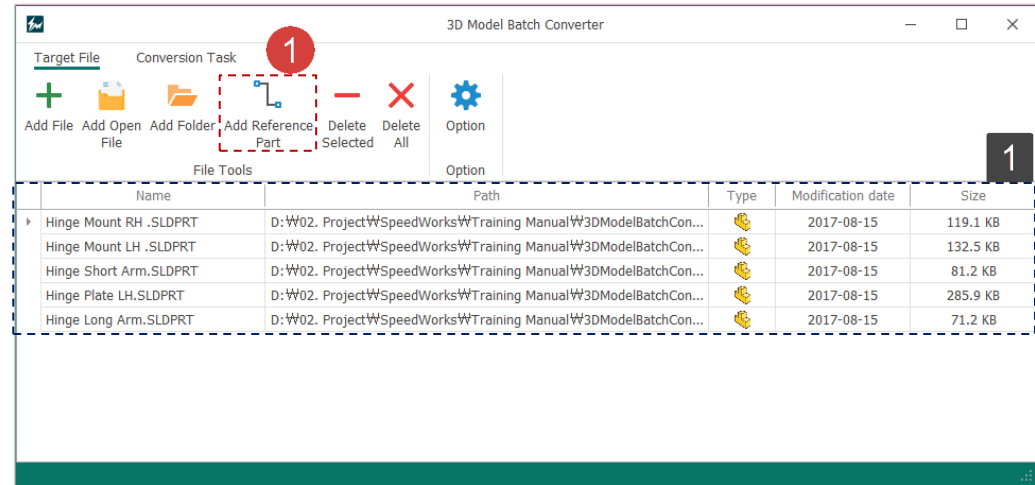


3D Model Batch Converter - Add Reference Part

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

- 1 Click **[Add Reference Part]** button to select the target drawing.
- 2 Select **Hinge LH.SLDASM** file from the example files.
- 3 Click **[Open]** button to add the drawing to the target list.

1 This is the list of files that have been added.

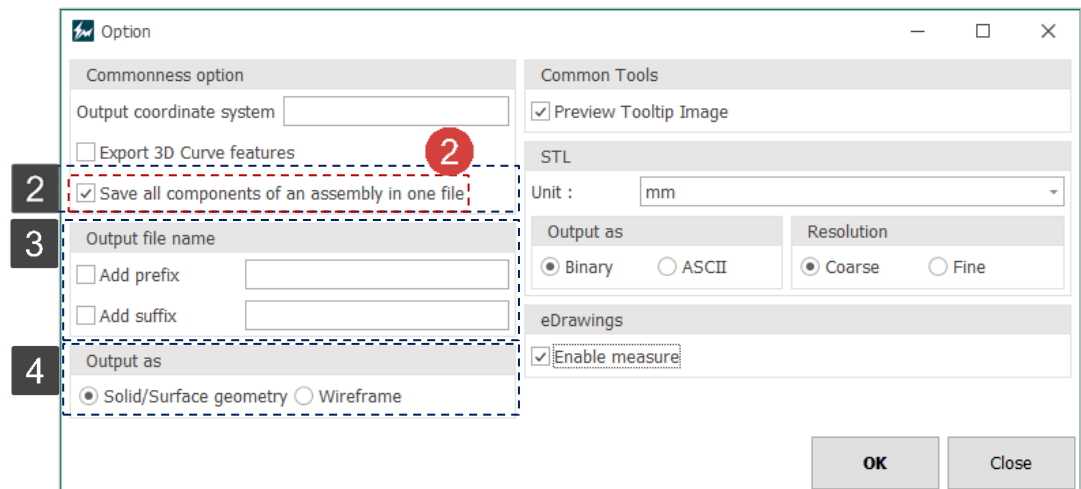
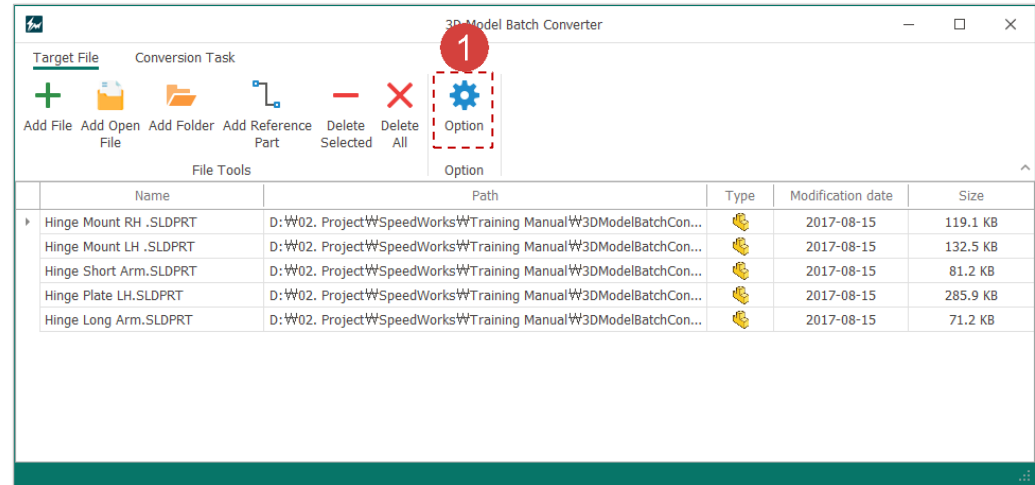


3D Model Batch Converter - Option Composition

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

- 1 Click [Option] button.
- 2 Check [Save all components of an assembly in one file]

- 1 This screen displays options.
- 2 Option to merge and save all components of an assembly in one file.
- 3 Option to add specified prefixes or suffixes to the output file name.
- 4 Option to save the model as solid/surface geometry or wireframe.

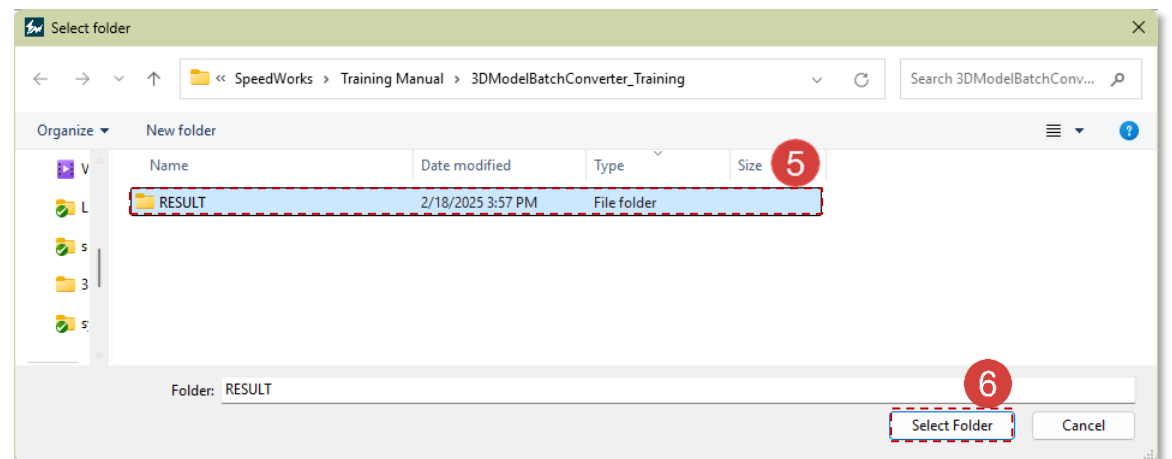
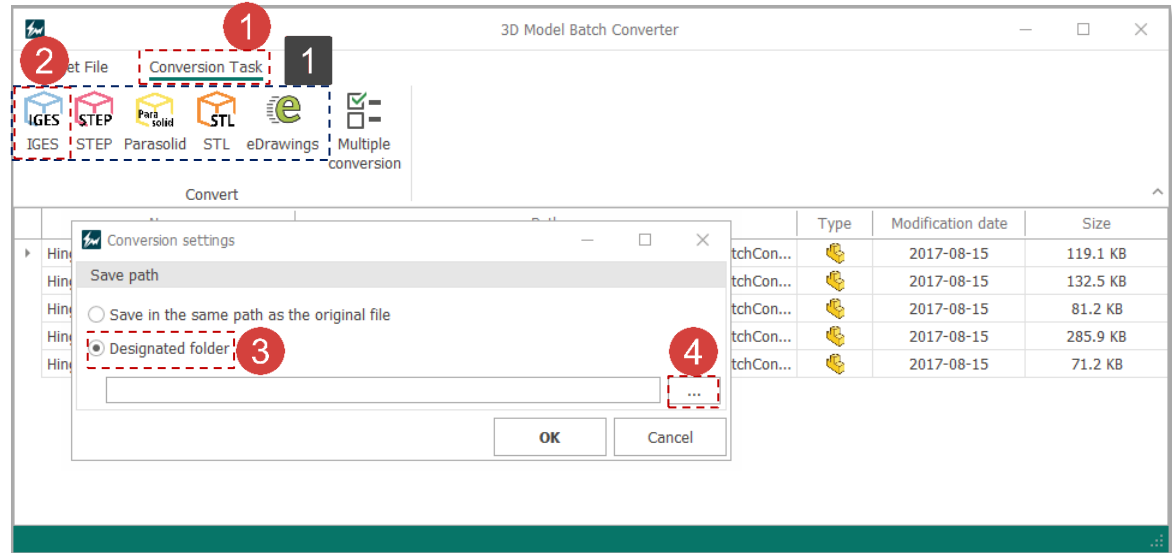


3D Model Batch Converter - Convert Single File

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

- 1 Click **[Conversion Task]** tab.
- 2 Click **[IGES]** button to open the conversion settings window.
- 3 Check **[Designated Folder]**
- 4 Click **[...]** button.
- 5 Select **RESULT** folder from the example files.
- 6 Check **[Select Folder]** button.

1 Conversion file types include IGES, STEP, Parasolid, STL, and eDrawings formats.

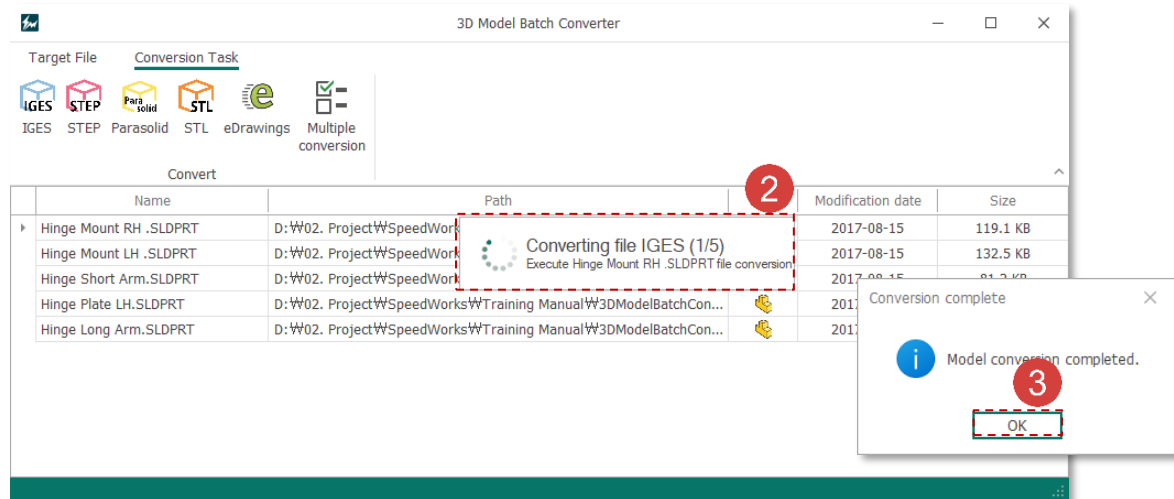
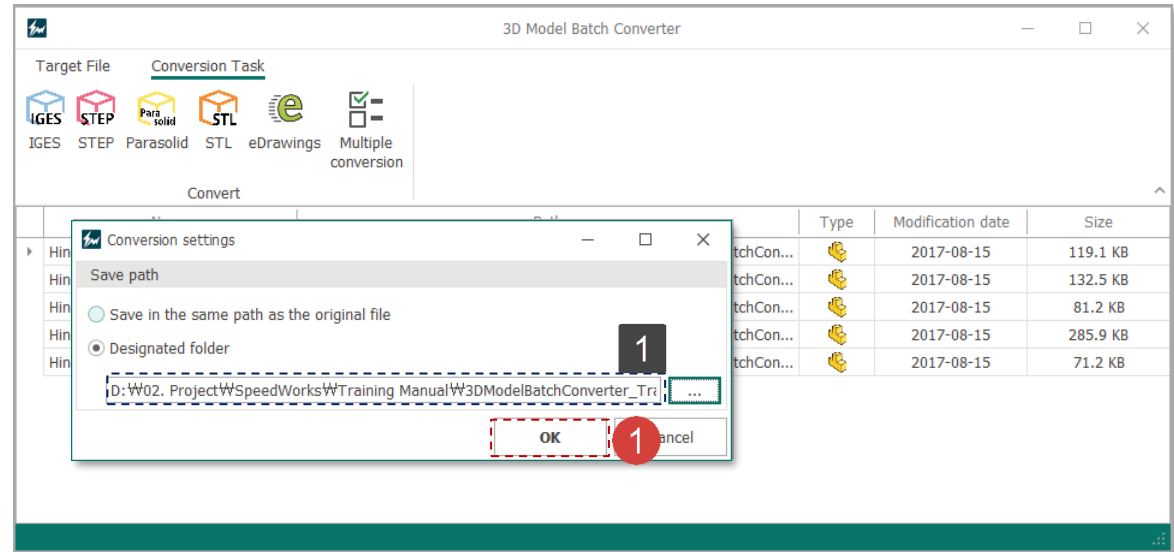


3D Model Batch Converter - Convert Single File

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

- 1 Click **[OK]** button.
- 2 The progress can be monitored on the screen when the file conversion is in progress.
- 3 Click **[OK]** once the file conversion is completed.

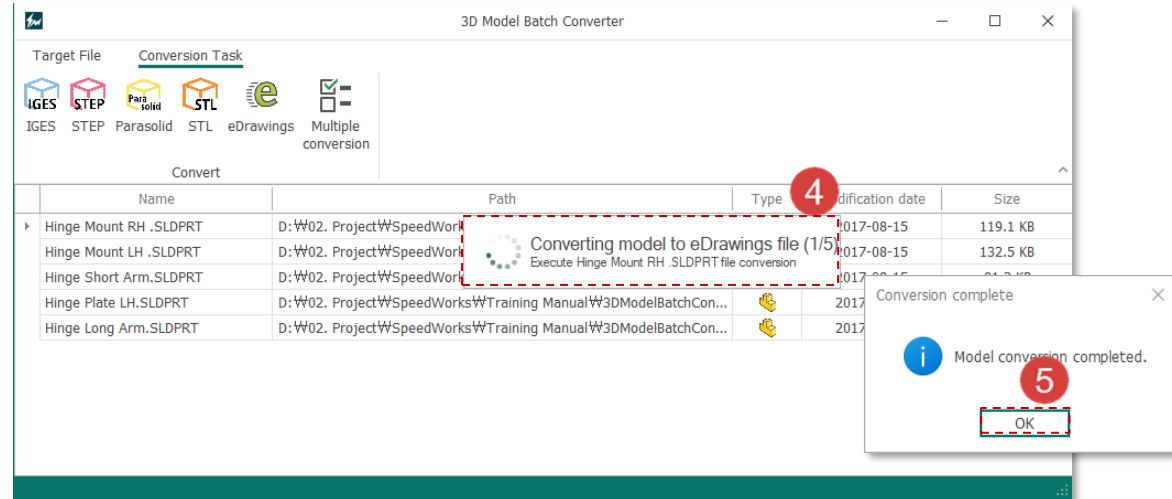
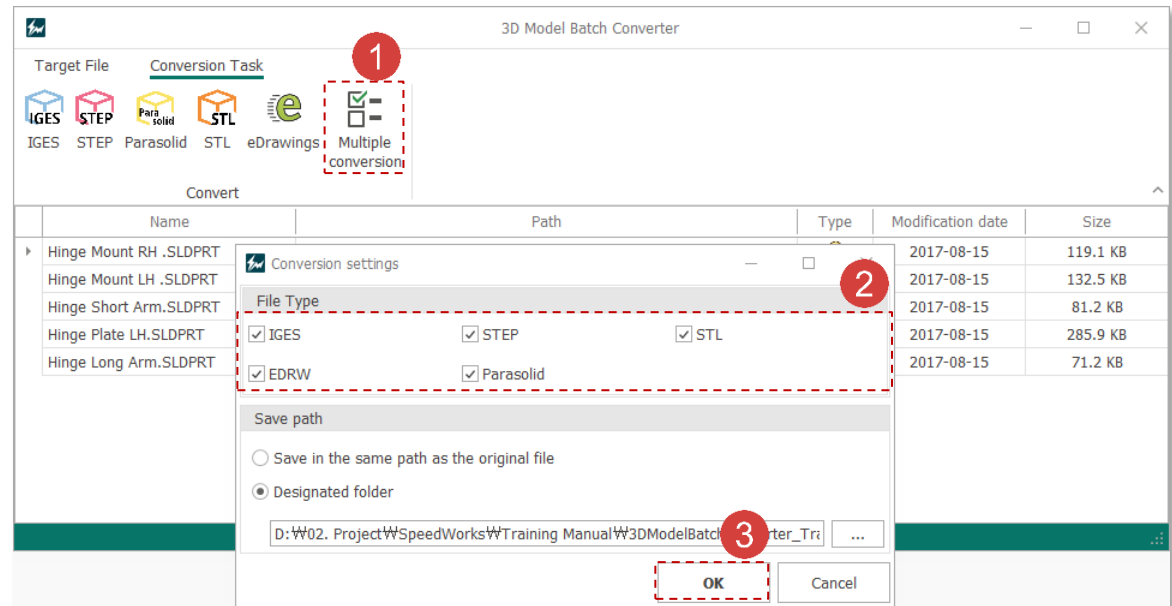
- 1 The designated folder path is displayed.



3D Model Batch Converter - Convert Multiple Files

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

- 1 Click **[Multiple conversion]** button.
- 2 Check **[IGES]**, **[STEP]**, **[STL]**, **[EDRW]**, **[Parasolid]** in the **File Type**.
- 3 Click **[OK]** button.
- 4 The progress can be monitored on the screen when the file conversion is in progress.
- 5 Click **[OK]** once the file conversion is completed.



3D Model Batch Converter - Conversion Output

Work on the part with the red circle (1) following instructions by yourself.
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- 1 Open the **RESULT** folder from the example files to check the Conversion Output.

