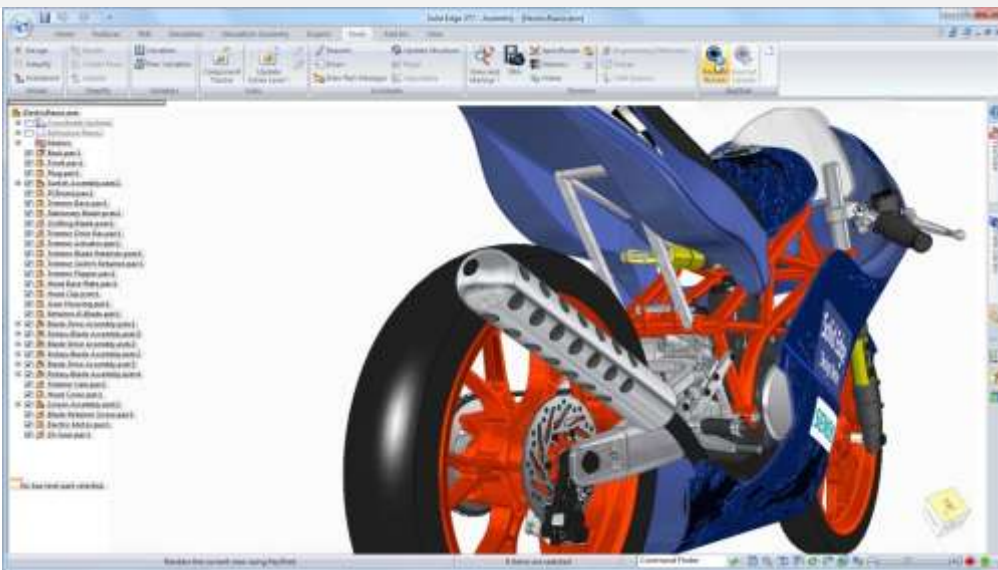


Solid Edge University 2014



designfusion

Solid Edge.
Design better.

***Accelerate and streamline your design
process using custom templates***



Agenda:

- Who am I?
- What you will learn
- System Templates
 - Types
 - Locations
- Why to create custom templates
- Creating Templates
 - Examples
- Using Templates
 - benefits
- Q&A

Who am I : John Pearson

- Technical Trainer and Application Specialist for Designfusion.
- Over 27 years in the CAD/CAM industry.
- 16 years in Tool and Die industry and over 11 years with a reseller.
- Certified Trainer of adults. Has taught CAD night courses at Durham College.
- Seta certified trainer.
- A major contributor to the Designfusion blog and has provided Tech Tip articles to the Design Engineering's 3D Dojo newsletter.

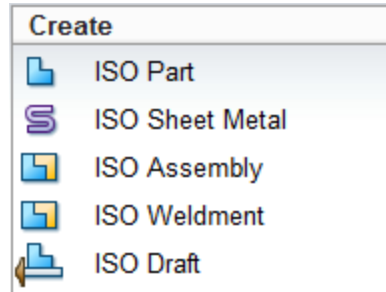
What you will learn

- You will learn how easy it is to create a custom template.
- You will also learn how custom templates can be used to streamline and accelerate your design process.

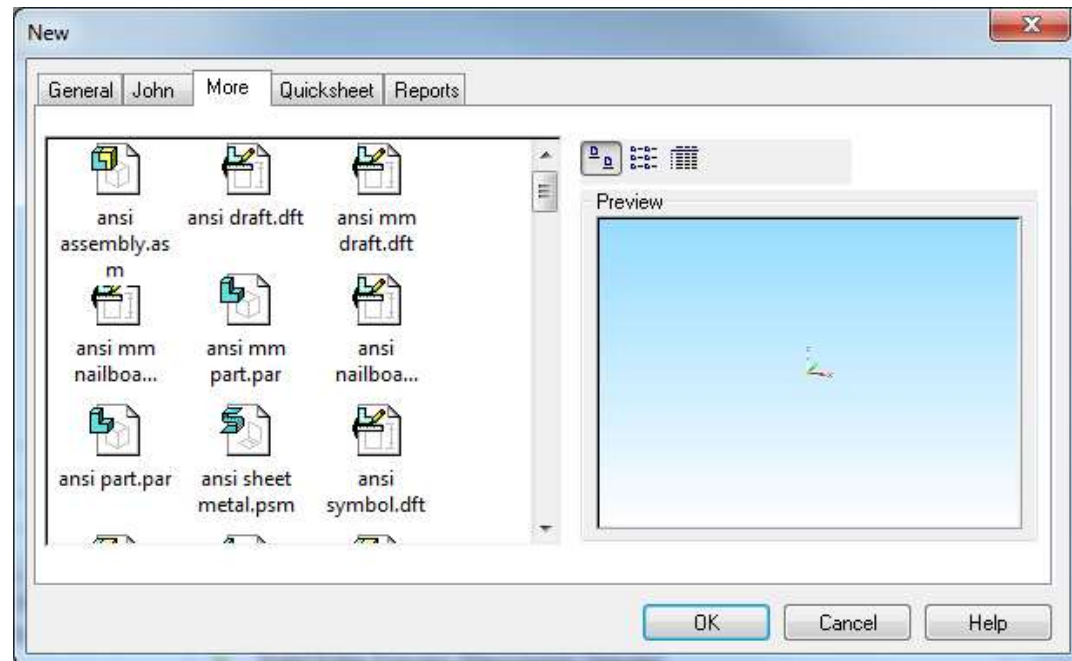


System Templates

- Types



- Standards

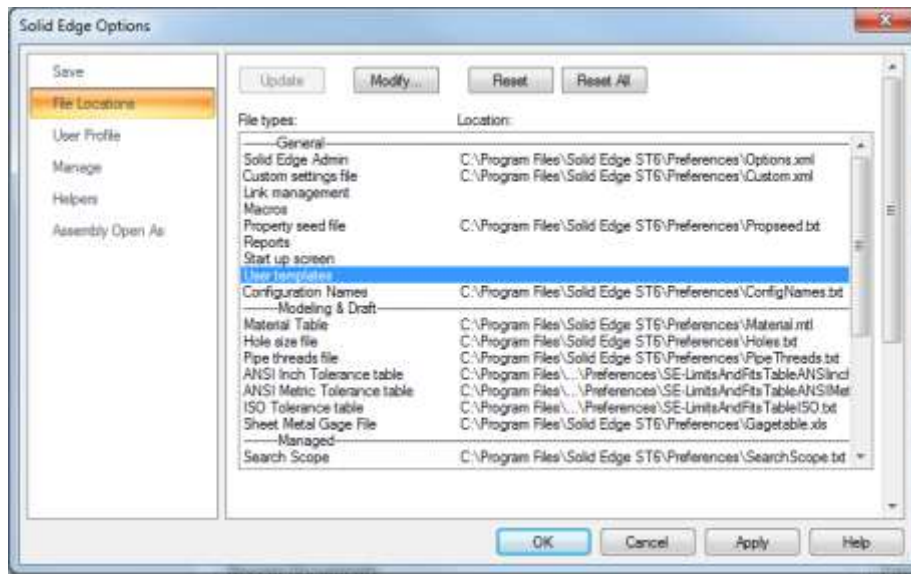
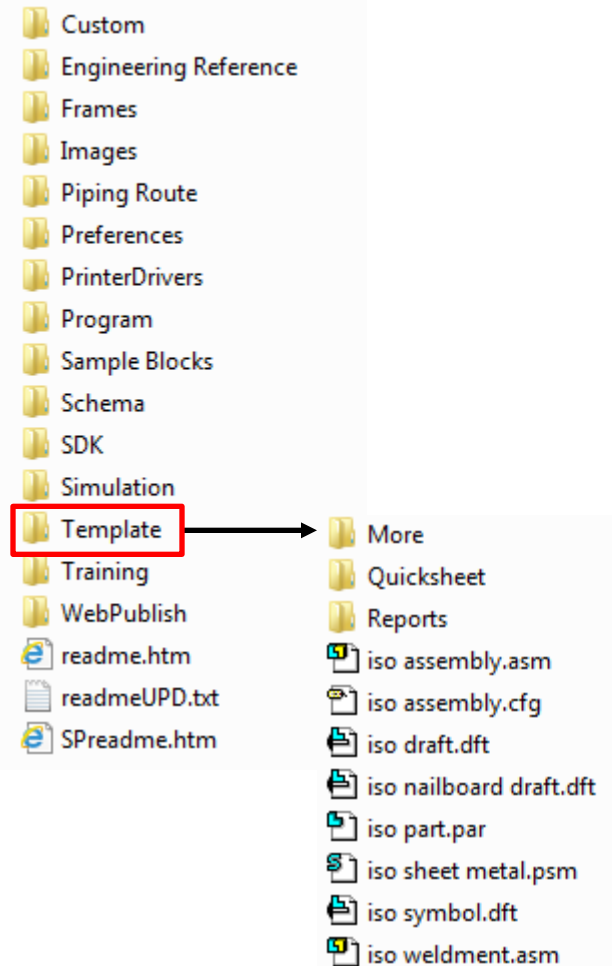


System Templates

- Default location

Solid Edge ST6 →

- Custom Location (Optional)



Why to create custom templates



Draft templates

- Custom sheets (company logo, boundaries, title blocks, etc.).
- Save default settings (Styles, colors, etc.).
- Auto populate text values (drawn by, date, drawing name, revision number, scale, etc.).
- Auto populate views – Quicksheets.

Why to create custom templates



Part and Sheet metal templates

- Save default settings (Styles and colors).
- Specific settings (Material, gage, etc.)
- Save specific base feature (with or without defined variables).

Assembly

- Save default settings (Styles and colors).
- Pre-defined saved parts.

Creating Templates



Steps to create a custom template:

1. Open with an existing template.
2. Make changes that you want to save in the new template.
3. Save or “Save as” new template in a template folder.
4. Test the new template.

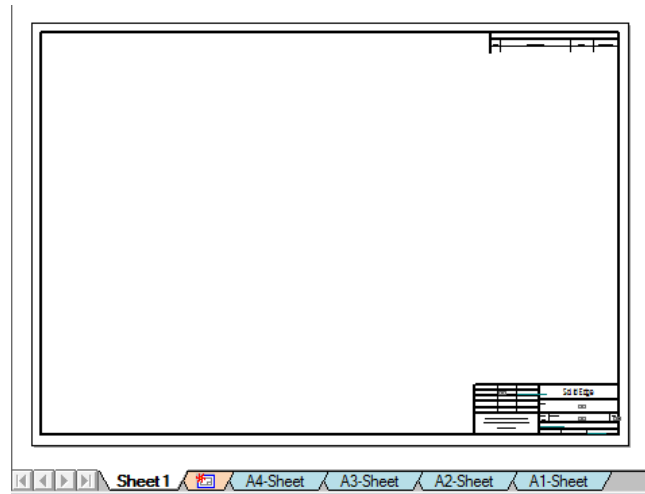
Note: In large companies, this should be approved by the CAD administrator before attempting.

Draft example 1

Building a template from scratch

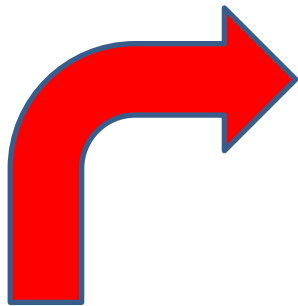
Tips:

- Place permanent items on Background Sheets
- All views and dimensions on Working Sheets

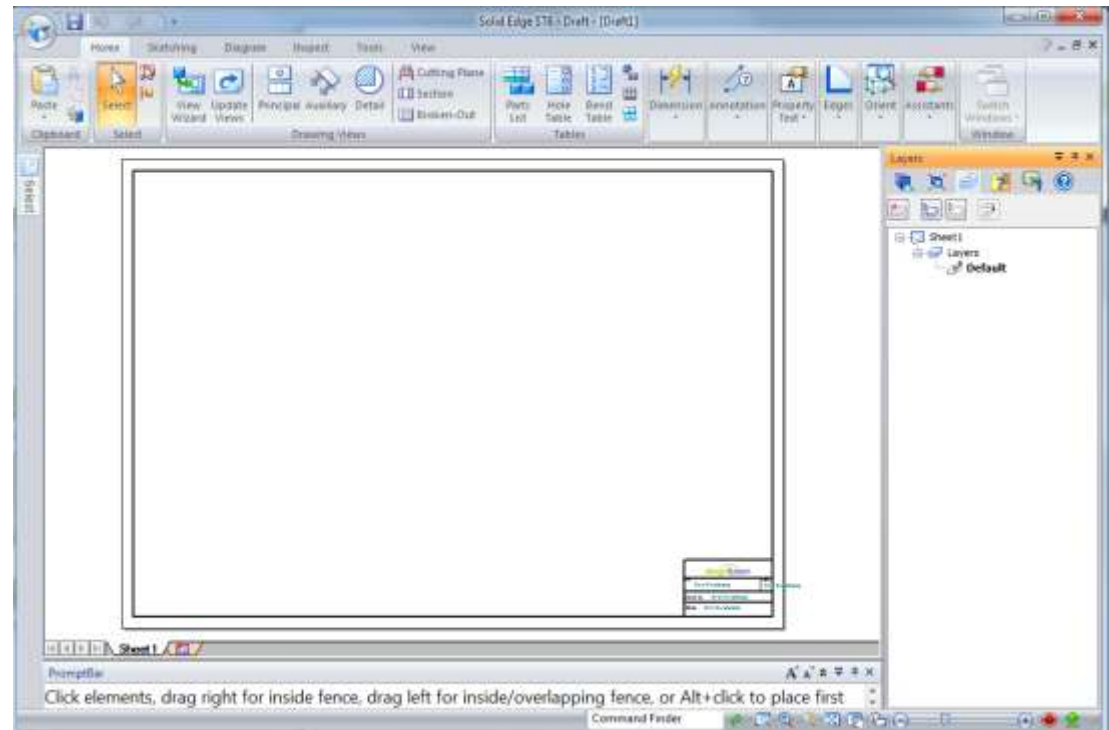


Draft example 2

Building a template from an existing AutoCAD template.



AUTOCAD

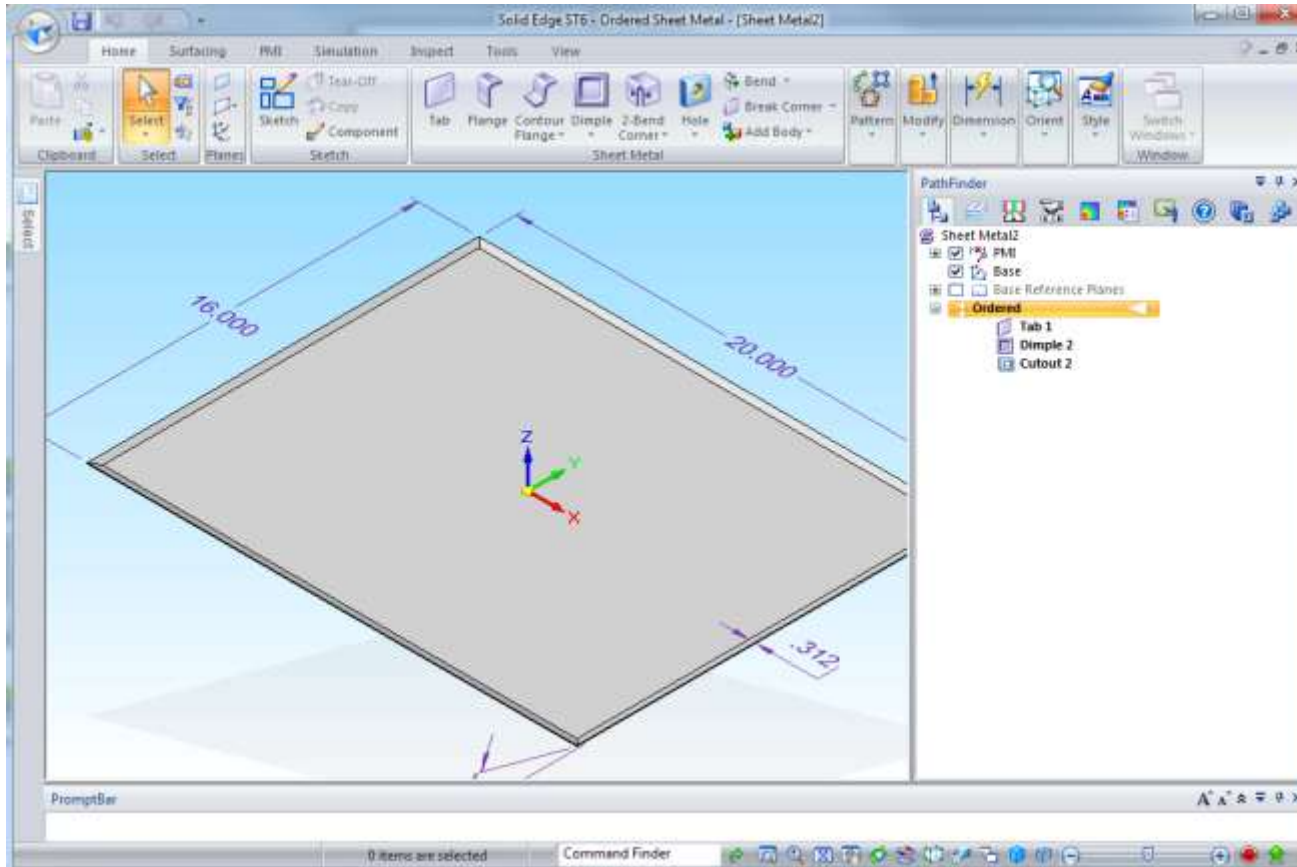


Quicksheet example



The diagram illustrates a 'Quicksheet' layout. It features four rectangular placeholders arranged in a 2x2 grid, each with a small blue '14' below it. To the right of these placeholders is a large empty rectangular box. Further to the right is a detailed table structure with two sections, each titled 'Sheeted Part 2 of 2'. Each section has four columns: 'No', 'File Name', 'No. of sheets', and 'Date'. The table is filled with empty rows. In the bottom right corner of the layout, there is a 'designfusion' logo and contact information: 'Email: info@designfusion.com', 'Phone No: 00 22 451 1000 00', and 'Date: 07/10/2011'.

Sheet metal example



Using Custom Templates



Benefits

- Reduced the startup time.
 - You don't have to keep entering in your global settings.
- Save all your company standards.
 - Saves time and ensures design consistency.
- Minimize redundant work.
 - Preloaded base features or parts. Pre-populate title blocks etc. Saves a lot of time and minimizes errors.

Using Custom Templates



Save Time

Ensure Design Consistency

Reduce errors

(Less Stress on Designers)!!!!

= Saves Money



Thank you for your time.

A large version of the designfusion logo, with "design" in light green and "fusion" in dark blue, underlined by a green arc.

www.designfusion.com