



CAPINC
IMPROVING ENGINEERING PRODUCTIVITY

Tips and Tricks for Machine Design



Andy Jaskey

Application Engineer

ajaskey@capinc.com

Overview

- 1) Weldments!
- 2) Custom Properties
- 3) Mates
- 4) Smart components
- 5) Assembly Efficiency

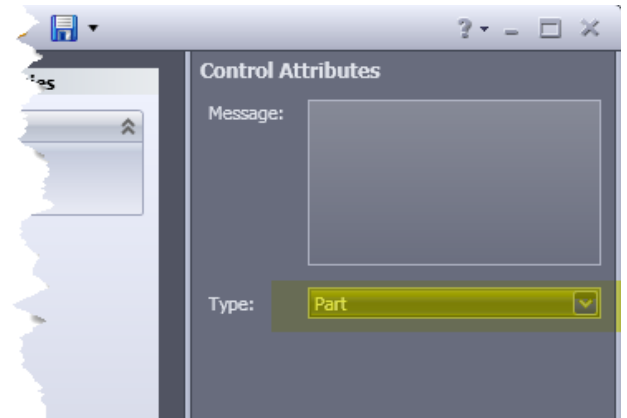


Weldments!

- Use them...
- Make your own profiles
 - Create Custom profiles in a “custom location”
 - Weldment selection is 2 sub files deep
 - Remember: Save as .SLDLFP (library Part)

Custom Properties

- Add “static” custom properties to templates
- Use the Property Tab Builder for “dynamic” properties
 - Watch out for “Type”
 - Use “List” to control input



Smart (and virtual) Components

- Smart Fasteners
- Smart Components
- Ideas on Virtual Components

Advanced Mates

- Width mate
- New width mate options
- Not everything mated needs to be touching

Assembly Efficiency

- Create Simplified and Full Configurations
- Use Flexible sub assemblies

Overview

- Weldments!
 - Make your own profiles
- Custom Properties
 - Add custom properties to part templates
 - Tab builder
- Smart components
- New mates and new uses
 - Width mate
 - Gear mate
- Assemblies Efficiency
 - Advanced Configuration open



CAPINC
IMPROVING ENGINEERING PRODUCTIVITY