

WELDMENTS, AND THEIR PRATICAL APPLICATION

What's the big deal,
why it matters,
and how it impacts you.

Why Weldments?

- SolidWorks natively supports weldments in all versions of their software.
- Everyone receive some weldment training, but we are often confused, and not confident about our skills.
- Weldments play an important part in manufacturing, and product design.
- Properly understanding weldments, can save time, money, and produce a superior end product.

WELDED ASSEMBLIES

Pros

- Weld Different Part Types Together
Sheet metal, Purchased, Tube, Plate etc.
- Handles Complicated Weldments Well
- Easily make Exploded Weldment Drawings

Cons

- Initial Design takes longer
- Lots of Files/Paperwork to manage
- Changes and time consuming and difficult
- No Automatic Machining Configuration

WELDED PARTS

Pros

- Very Quick/Flexible Modeling
- Modifications can be made in Seconds
- One Model, One Drawing
- Automatic Machining Configuration

Cons

- Limited Types of parts
- Complicated/Layered Parts are Difficult
- Limited Drawing Abilities

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