

## Solid Works

SolidWorks Essentials

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Design Intent

File References

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Using the Command Manager

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2D Sketching

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Sketching

Sketch Entities

Basic Sketching

Rules That Govern Sketches

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Extrude

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Choosing the Sketch Plane

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Top-Down Assembly Modeling  
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Assembly Features and Smart Fasteners  
Assembly Features  
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Using Configurations with Assemblies

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Assembly Editing

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Layout-based Assembly Design

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Introducing: Sketch Blocks

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Lesson 1: Weldments

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SolidWorks File Structure

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Saving Files

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Case Study: File Properties

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Case Study: SolidWorks Explorer  
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Case Study: Toolbox Parts  
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Case Study: PhotoWorks Files  
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Creating Animations with SolidWorks Step-By-Step  
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