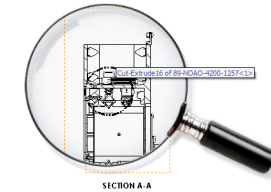
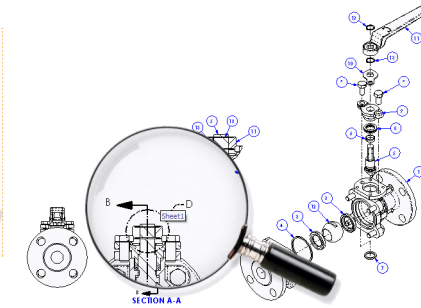
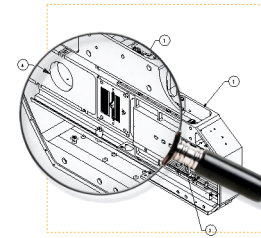


# SolidWorks Drawings 2012 Training Course

**Course Outline** Duration: 2 days • Prerequisites: SolidWorks Essentials

- LESSON 1** Drawing Sheets and Views
- LESSON 2** Dimensions
- LESSON 3** Annotations
- LESSON 4** Sheet Formats and Templates
- LESSON 5** Assembly Drawing Views

- LESSON 6** Bill of Materials and Tables
- LESSON 7** Performance and Display Issues
- LESSON 8** Drawing References and Comparison
- LESSON 9** Using DimXpert



## Training Content

### LESSON 1

#### Drawing Sheets and Views

- Drawing Sheets and Views
- Terminology
- Drawing Views
- Sketching in Drawing Views
- View Settings
- Centermarks and Centerlines
- Model Edges in the View

### LESSON 2

#### Dimensions

- Dimensions
- Manipulating Dimensions
- Dimension Properties

### LESSON 3

#### Annotations

- Adding Annotations
- Annotation Types
- Blocks

### LESSON 4

#### Sheet Formats and Templates

- Sheet Formats and Templates
- Drawing Templates
- Properties in the Template
- User Defined Properties
- Customizing a Sheet Format
- Define Title Block
- Updating Sheet Formats

### LESSON 5

#### Assembly Drawing Views

- Assembly Drawing Views
- Creating Views of Assemblies

### LESSON 6

#### Bill of Materials and Tables

- Creating and Managing a Bill of Materials
- The Bill of Materials
- Adding a BOM
- Modifying the BOM
- Tabulated Bill of Materials
- Balloons
- Tables in the Drawing

### LESSON 7

#### Performance and Display Issues

- Performance and Display Issues
- Large Assembly Mode
- Lightweight Drawings
- Detached Drawings
- Display Issues in Drawing Views

### LESSON 8

#### Drawing References and Comparison

- Reusing a Drawing File
- Changing Drawing References
- Using DrawCompare
- SolidWorks Design Checker

### LESSON 9

#### Using DimXpert

- DimXpert
- Tolerance Types and Features
- DimXpert Selections
- Settings for DimXpert
- Auto Dimension Scheme
- Turned Part
- Using Plus and Minus
- DimXpert Annotations and Drawings
- Using DimXpert Manually

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