Training: SOLIDWORKS Inspection (1 day)

Prerequisites: SOLIDWORKS Essentials, Fundamental knowledge of FAI or inspection documentation

Description: Learn the basics of working with SOLIDWORKS Inspection to automate the process of working with inspection documents. In this course, you will work with both the add-in and standalone versions of the product.
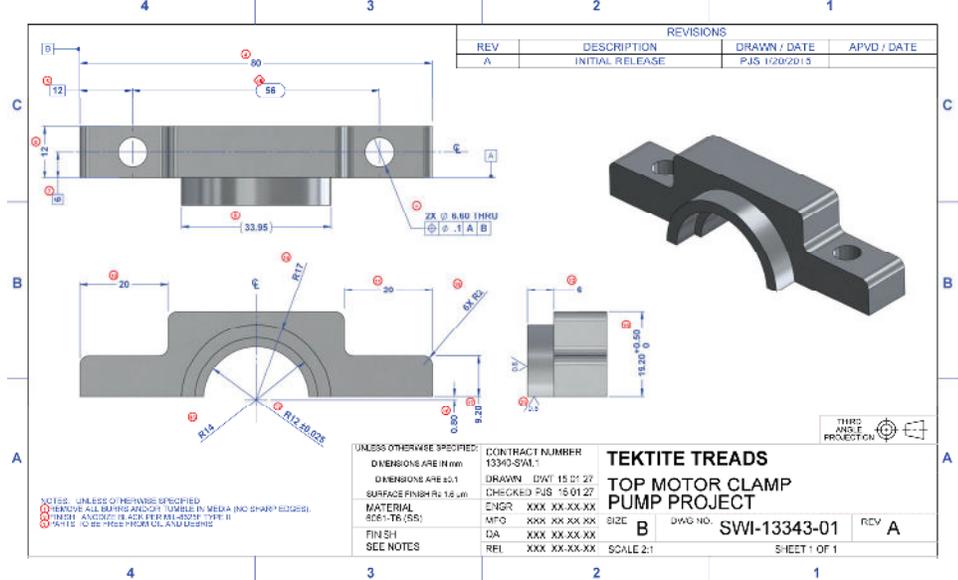
Introduction
- About This Course

Lesson 1—Inspection Add-in
- What is SOLIDWORKS Inspection?
- Inspection Add-in
- Inspection Project
- Project Template
- General Settings
- Extraction Settings
- Tolerance Settings
- SOLIDWORKS Inspection Manager
- Characteristic Properties
- Balloon Settings
- Reorder Balloons
- Multiple Characteristic Instances
- Multi-line Notes
- Export Inspection Data
- Design Revision
- Manual Ballooning
- Working with 3D Documents

Lesson 2—Standalone Application
- Overview
- User Interface
- Shortcut Keys
- Inspection Project
- Project Template
- Project Properties
- Save Options
- Unit/Tolerance Options
- Ballooning Options
- Extracting Characteristics
- Characteristic Pane
- Hide and Show Extracted Annotations
- GDT Builder
- General Characteristic Tools
- Validating Characteristics
- Table Manager
- Bill of Material

- Specifications
- Managing Characteristics
- Reorder Balloons
- Grids
- Multiple Documents
- Publishing Reports
- Drawing Revisions

Lesson 3—SOLIDWORKS Inspection Professional
- Overview
- Measurements Input
- CMM Data Import
- Loading the Inspection Professional
- Measurements Input and Entries
- Color Coded Characteristics
- Multiple Measurements
- Bonus Tolerance
- Publishing Reports With Inspection Results

Appendix A—Inspection Report Templates
- Template Editor
- Report Formatting
- Tokens
- Excel Conditional Formatting
- Footer Row

Appendix B—Understanding Regular Expressions
- Regular Expressions

Appendix C—Glossary of Quality Terms
- Terminology

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