SolidWorks 2012: Advanced Parts and Assemblies

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Advanced Parts and Assemblies for SolidWorks 2012 is a course designed to give you the knowledge and skills that will help you build bulletproof assemblies!The course shows you the best assembly workflow and design processes, so that your assemblies are more robust than ever before!

Watch this video based training course on your computer. It covers a wide range of topics. You will learn all about materials, configurations, using equations for part and assembly design, how to use mates, and all the assembly commands. We don't just show you the commands, **we take you beyond the commands!**

Areas of mastery: Files and Folders, Custom Materials, Mastering Materials, Creating Helixes, Helical Threads, Limits to Reusing Sketches, RealView and Scene Display, Introduction to Configurations, Add Configurations, Machined Versions, Comparing Configurations, Configuration Parameters, Material Configurations, Setting Surface Materials, Updating Template Configurations, Derived Configurations, Cast Configurations, Machined Configurations, Parent Child Configurations, Derived Material Settings, Introduction to Design Tables, Design Table Parameters, Parameter Syntax, Blank Design Tables, Select and Rename Dimensions, State Design Table Parameters, Reduce Design Table Memory I, Reduce Design Table Memory II, Importing Excel Files, Introduction to Equations, Equations and Configurations, Feature Parameter Equations, Conditional Statements, Custom Assembly Templates, Introduction to Weldments, Modifying Joints and Members, Trim Extend Members, End Caps, Gussets, Weld Preparations, Exporting Bodies to Assemblies, Fillet Weld Beads, Weld Strategies, Intermittent Welds, Custom Libraries, Custom Profiles, Using Custom Profiles, Degrees of Freedom, Understanding Mate Errors, Mate Type Errors, Mate Strategies, Width Mate, Symmetric Mate, Linear Coupler Mate, Advanced Distance Mate, Advanced Angle Mate, Organizing Assembly Components, Bottom Up Design, Linear Component Pattern, Shortcomings of Bottom Up Design, Middle Out Design, Creating Sub Assemblies, Adding the Toolbox, Building Sub Assemblies, Create Parts from Surfaces, Effective Smart Mates, Advanced Assembly Aspects, Projecting Curves to Surfaces, Cutting With Surfaces, Assemblies into Parts, Using Inserted Parts, Linked Part Files, Details of External References, Split Part Best Practices, Strategy for Multi-Body Modeling

Course Attributes:

- Metric & English
- Adjustable Playback control
- Easy to install
- Simplified learning process
- User-friendly interface
- Part files included
- Tutorial index and search engine act as reference tools
- System Requirements: Windows and Speakers

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