



Resources



FOR SOLIDWORKS USERS

CINDY BEREND



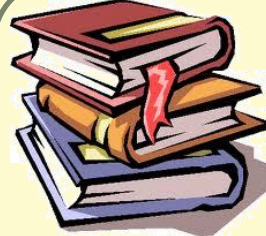
**THANK YOU
RANDY LENNOX
FOR PRESENTATION CONTENT**



New Hampshire SWUG



SolidWorks VARS



Books & Videos



**SOLIDWORKS
WORLD 2011**

Conferences

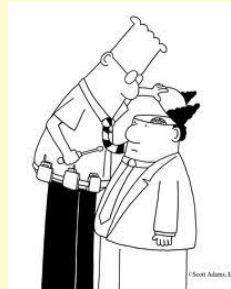


The Web

**SolidWorks
User Group Network**

Become part of our COMMUNITY.

User Groups



People



SolidWorks Blogs



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Resources Within the SolidWorks Application

3D Content Central (in Design Library) – Free 3D CAD Models of User-Contributed and Supplier-Certified Parts & Assemblies, 2D Blocks, Library Features, Macros

Customer Portal – Subscription only area.

Tech Tips and Presentations > click “documents”

Sort by: Relevance | What: All | When: Anytime | Past: Day Week Month Year

Using Mate References
Mate references let parts snap together when you bring them into an assembly.
Author: Richard Doyle Date: Apr 6, 2010 Location: Assemblies Bookmarks: 6
Tags: *tech_tip* best_practice mate_reference

Feature Driven Patterns
Use the feature patterns in components to drive the location of items in your asser
Author: Richard Doyle Date: Apr 23, 2010 Location: General Bookmarks: 2
Tags: *tech_tip* best_practice feature_pattern

SolidWorks Discussion Forum – Create a login Account

<https://forum.solidworks.com/index.jspa>

SolidWorks Labs - <http://labs.solidworks.com/Products/>

Cool widgets that may become part of the product in the future, or not.

SolidWorks Resources

Getting Started

- New Document
- Open a Document
- Tutorials
- What's New
- General Information

Community

- Customer Portal
- User Groups
- Discussion Forum
- Technical Alerts & News
 - Available: Enterprise PDM 2011 SP0 is available for download
 - Survey: Your productivity using SolidWorks
 - Available: SolidWorks 2011 SP0 is available for download
 - Available: Enterprise PDM 2011 PR1 is available for download
 - Available: SolidWorks 2011 PR1 is available for download
 - View All

Online Resources

- Find Custom Manufacturers
 -
 - e.g., machining, casting. [Learn More](#)
- Partner Solutions
- SolidWorks Labs

Machine Design

- Machine Design Overview
- Machine Design Tutorials
- SimulationXpress



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SolidWorks Website Resource Center

The screenshot shows the SolidWorks website's Resource Center. At the top left is the SolidWorks logo. To its right are navigation links: Login | Contact Us | Global Sites | Company Info. A search bar contains the text 'Enter Search Term' and a 'Search' button. Below this is a horizontal bar with 'US & CANADA' and a phone number '800-693-9000' next to social media icons for Facebook, Twitter, LinkedIn, and YouTube. A main navigation menu includes 'PRODUCTS', 'INDUSTRIES', 'HOW TO BUY', 'SUPPORT', 'COMMUNITY', 'RESOURCE CENTER' (which is highlighted), and 'WHY SOLIDWORKS?'. The main content area features a large 'RESOURCE CENTER' heading with the text 'Watch demos, read white papers, view images and connect with users in our community'. Below this are three columns: 'EXPLORE SOLIDWORKS' with links for White Papers, Data Sheets, Design Gallery, Virtual Tour, and Customer Stories; 'WATCH OUR VIDEOS' with links for Demos, Screencasts, and Let's Go Design Web Series; 'COMMUNITY CONNECTIONS' with links for Blogs, User Groups, SolidWorks Forums, and YouTube Channel; 'FREE TOOLS' with links for Free CAD Tools, Free 2D Tools, and 3D Content Central; 'SUPPORT' with links for System Requirements, Downloads, Learning Resources, Administration Guides, and Tech Tips; and 'EDUCATION' with links for Tutorials, Curriculum, Teacher Blogs, and Sponsorships.

<http://www.solidworks.com/sw/resources.htm>



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SolidWorks Tutorials :

Introduction to SolidWorks
3D Sketching
3D Sketching with Planes
Lesson 1 - Parts
Lesson 2 - Assemblies
Lesson 3 - Drawings
Advanced Design
Advanced Drawings
Animation
Assembly Mates
AutoCAD and SolidWorks
Blocks
Customizing SolidWorks
Design Checker
Design Tables
DimXpert Tutorials
DriveWorksXpress
FeatureWorks
Fillet
Import/Export
Lofts

Mold Design
Molded Product Design - Advanced
Multibody Parts
Pattern Features
PhotoWorks
Revolves and Sweeps
Routing - Electrical
Routing - Pipes and Tubes
Sheet Metal
Smart Components
SolidWorks API Tutorials
SolidWorks Advanced API Tutorials *
SolidWorks eDrawings
SolidWorks FloXpress
SolidWorks Motion
SolidWorks SimulationXpress
SolidWorks Utilities
SolidWorks Workgroup PDM
Surfaces
Sustainability *
TolAnalyst Tutorials
Toolbox
Weldments

New Releases and Service Packs keep and eye out for New Tutorials.

and of course – SolidWorks Help

SolidWorks Help
Web Help Beta

About Web Help Beta Introduction > Welcome to SolidWorks Help

Welcome to SolidWorks Help

Getting Help

- Introduction
 - Welcome to SolidWorks Help
 - Conventions
 - Access to Help
- What's New
- Administration
- User Interface
- SolidWorks Fundamentals
- Moving from 2D to 3D
- Assemblies

Access to Help Lists w as well

What's New Introd new fe

Click H



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SolidWorks VARs (Value Added Resellers)

SolidWorks Designed Training Courses

SolidWorks Essentials	4 days	Simulation	3 days
SolidWorks Drawings	2 days	Simulation Professional	1 days
Assembly Modeling	2 days	Simulation & Simulation Prof.	4 days
Advanced Part Modeling	2 days	Simulation Prem: Nonlinear	2 days
Surface Modeling	2 days	Simulation Prem: Dynamics	2 days
Mold Design Using SW	2 day	Simulation Prem:	
Sheet Metal	1 day	Nonlinear & Dynamics	4 days
Weldments	1 day	SolidWorks Motion	2 days
SolidWorks Routing	3 1/2 days	Flow Simulation	2 days
File Management	1 day	Workgroup PDM Contributor	1/2 day
API Fundamentals	3 days	Workgroup PDM CAD Editor	1/2 day
		Administering Workgroup PDM	1 day
		Enterprise PDM Contributor	1/2 day
		Enterprise PDM CAD Editor	1/2 day
		Administering Enterprise PDM	2 days
		NEW! API Fundamentals of EPDM	2 days
		Using 3DVIA Composer V6R2011	3 days





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SolidWorks World Videos Online

SolidWorks
WORLD 2010
Proceedings

[SolidWorks World 2009 and 2010 presentations including most on video.](#)

Video capture extension for Firefox:

<https://addons.mozilla.org/en-US/firefox/addon/3006/>

Also: install a Flash Video .flv Player



SOLIDWORKS
WORLD 2011

San Antonio, Texas
January 23 – January 26



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Newsletters

SolidWorks

EXPRESS

http://www.solidworks.com/sw/2111_ENU_HTML.htm

SolidWorks Express Newsletter – Published Twice a month, the SolidWorks Express Newsletter delivers timely, relevant CAD tips, expert technical advice, service pack information on all SolidWorks products, as well as special invitations to various industry events.

ConnectPress

SolidWorks
community

<http://www.solidworkscommunity.com>

“The Independent Community for Dassault Systemes SolidWorks, Enterprise PDM, Simulation, and Sustainability Tools”



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SolidWorks Online and Video Training



<http://www.solidprofessor.com>



<http://www.myigetit.com>



<http://inspiritech.com>



<http://www.solidtrainer.com/main.htm>

Live training (India)



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SolidWorks Online and Video Training

You Tube



DS SolidWorks Corp.
solidworks's Channel

Subscribe

<http://www.youtube.com/solidworks>

SolidWorks YouTube Channel

Searching YouTube for "SolidWorks Tutorials" Yielded 1,970 results!!



http://www.dimontegroup.com/Tutorials/SolidWorks_Tutorials.htm

"Curvy Stuff" Tutorials

SolidWorks Tutorials

A step by step SolidWorks® tutorial for beginner

<http://www.solidworkstutorials.com>

Lots of ads, no search function

Video Tutorials Net

Leading provider of SolidWorks® CATIA®

<http://www.video-tutorials.net/vtn>

Pay for access to videos



<http://usingsolidworks.com/members/>

by Ben Edie, requires monthly membership fee



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SheetMetalGuy .com

<http://www.sheetmetalguy.com/>

Welcome to the
SolidWorks® Community Hub!

<http://www.mcadcentral.com/solidworks/default.asp>

CAD
digest
articles about CAD, CAM, CAE

<http://www.caddigest.com/subjects/SolidWorks/tutorials.htm>



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SolidWorks Blogs



Josh Mings
SolidSmack.com



Rob Rodriguez
RobRodriguez.com



Ricky Jordan
RickyJordan.com



Alex Ruiz
theSWGeek.com



Ben Eadie
SolidJott.com
UsingSolidworks.com
[Mountain Wave – Podcasts and Video Blog](http://MountainWave.com)



Deepak Gupta
[APAC Blog – Asia Pacific](http://APACBlog.com)
[Boxer's Blog](http://BoxersBlog.com)



Matt Lombard
DesignStuff.com



Lenny Kikstra
[Lenny's SolidWorks Resources](http://LennysSolidWorksResources.com)
[Lenny's Blog](http://LennysBlog.com)



Devon Sowell
[Sowell's Blog - PDM](http://SowellsBlog.com)



Jason Raak
RockSolidPerspective.com



Gabi Jack
GabiJack.com

[SolidWorks Blog](http://SolidWorksBlog.com)



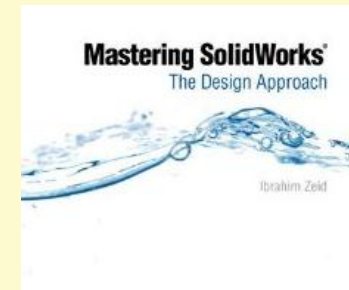
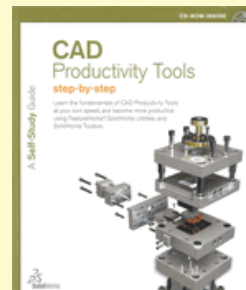
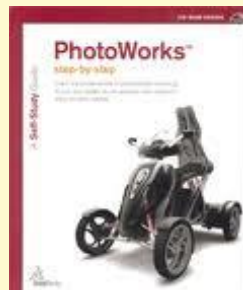
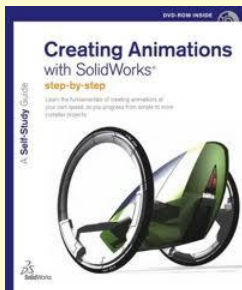
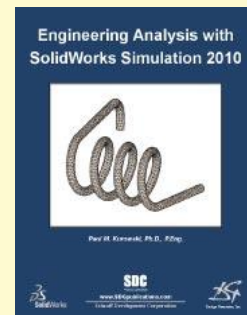
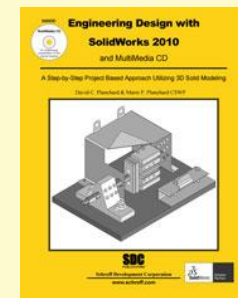
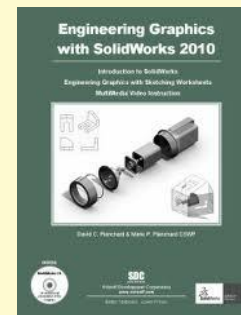
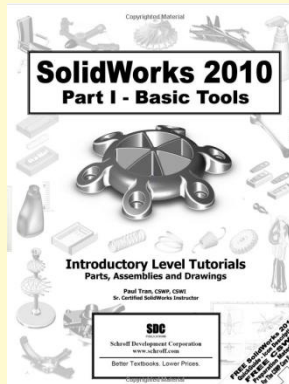
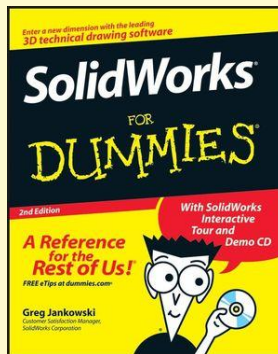
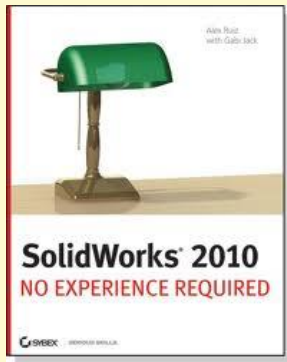
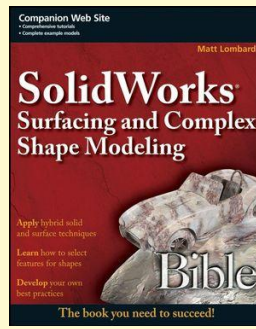
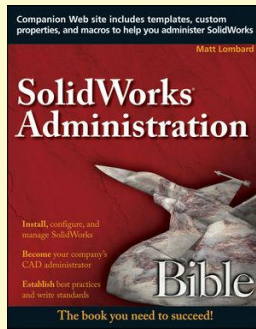
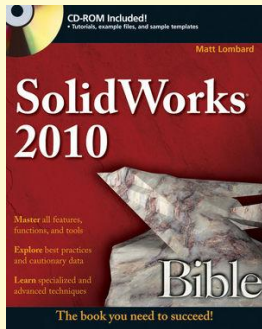
Lou Gallo – SolidWorks Podcasts
SolidWorksHeard.com





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SolidWorks Books





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3D CAD Models Online



www.tracepartsonline.net

Trace Parts – “more than 200 manufacture’s catalogs” **FREE**.



<http://www.3dcontentcentral.com/default.aspx>

3D Content Central (in Design Library) – **Free** 3D CAD Models of User-Contributed and Supplier-Certified Parts & Assemblies, 2D Blocks, Library Features, Macros



<http://www.grabcad.com/>

GrabCAD is a **free** and open CAD library that aims to bring together CAD engineers from around the world. We focus on a community of engineers, not being yet another library with standard parts from manufacturers.



http://solidworks.cad.de/library_us.htm

Models, templates, palette features, symbols, blocks and other SolidWorks files for **free** download.



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SOLID MODELS – VENDOR WEBSITES

3D part models linked to online catalogs

For example, connectors, motors, etc. **Call and ask** if the models are not on the website, it doesn't hurt to ask and can save you hours.



Air	
Cylinders	
Bearings	
Cable	Rod Ends
Carriers	Screw Jacks
Cap	Self-Drilling
Screws	Screws
Casters	Set Screws
Clevises	Shaft Collars
Drawer	Sheet Metal
Slides	Screws
Electrical	Shoulder
Enclosures	Screws
Equipment	Snap-Acting
Seats	Switches
Eyebolts	Spring
Handles	Plungers
Hinges	Springs
Hand	Sprockets
Wheels	Structural Rail
Hoist	Fittings and
Rings	Framing Systems
Knobs	Thread
Machine	Forming and Cutting
Screws	Screws
Motors	Toggle Ends
Nuts	Tube Fittings
Pipe	Turnbuckles
Fittings	Turntables
Quick-	U-Bolts
Disconnect	Valves
Hose	Washers
Couplings	
Retaining	
Rings	



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SolidWorks Coaching

<http://solidworkskoaching.com/>

Jake Kittell, Happiness Tech, Morrisville, VT

Fee Based, 3 levels:

Subscription Coaching

Help When You Need It (HELP!)

Fix My Model Service



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<http://www.3dcadtips.com/category/cad-packages/solidworks/>



<http://www.3dcadforums.com/cad-communities-7/solidworks-forum-17/>



<http://www.swgeeks.com/>



<http://solidjott.com/solidjott-addin/>



<http://sw.fcsuper.com/index.php>

Matthew Lorono – Macros and more



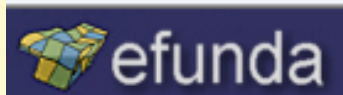
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Online Engineering Resources



<http://www.engineersedge.com/>

Engineering Calculators and much more.



<http://www.efunda.com/home.cfm>

Explanations of basic engineering concepts and processes.



<http://www.matweb.com/index.aspx>

Free materials property data.

\$100/yr subscription enables materials downloadable in SolidWorks format.



<http://eng-tips.nethawk.net/index.php>

Engineering Tips Forum



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Online Engineering Publications



<http://www.deskeng.com/>

Desktop Engineering – Engineering and CAD



<http://machinedesign.com/>

Machine Design – Mechanical Engineering and CAD



<http://www.designworldonline.com>

Serving the OEM machine builder, design engineer, and engr. manager.
3D CAD models, industrial videos, widgets, podcasts, industrial news.



<http://www.cadalyst.com/>

Cadalyst – CAD software & hardware reviews, tech. trends, expert advice.



<http://www.hydraulicspneumatics.com/default.aspx>

Hydraulics & Pneumatics – Fluid power publication for engineers.



<http://www.optoiq.com/index/machine-vision-imaging-processing.html>

Vision Systems Design – Machine-vision systems and image-processing



<http://motionsystemdesign.com/>

Motion System Design – Motion systems for manufactured products and industrial machinery.



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Thank you for your attention and participation!

Cindy Berend

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