



New (Ctrl+N)
Creates a new document.



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: SolidWorks 2010 available for download
 - Event: NEW Technical Webinar
 - SolidWorks Enterprise PDM Import Tool Hands-on Workshop
 - Bulletin: CRITICAL ALERT: SolidWorks 2010 Available - SolidWorks 2010 SP0.0 Toolbox problems impacting upgrades from previous versions.
 - Available: SolidWorks 2010 EV (Early Visibility) is available for download
 - Bulletin: Dassault Systemes SolidWorks Corporation Headquarters - Change of Address
- View All

Online Resources

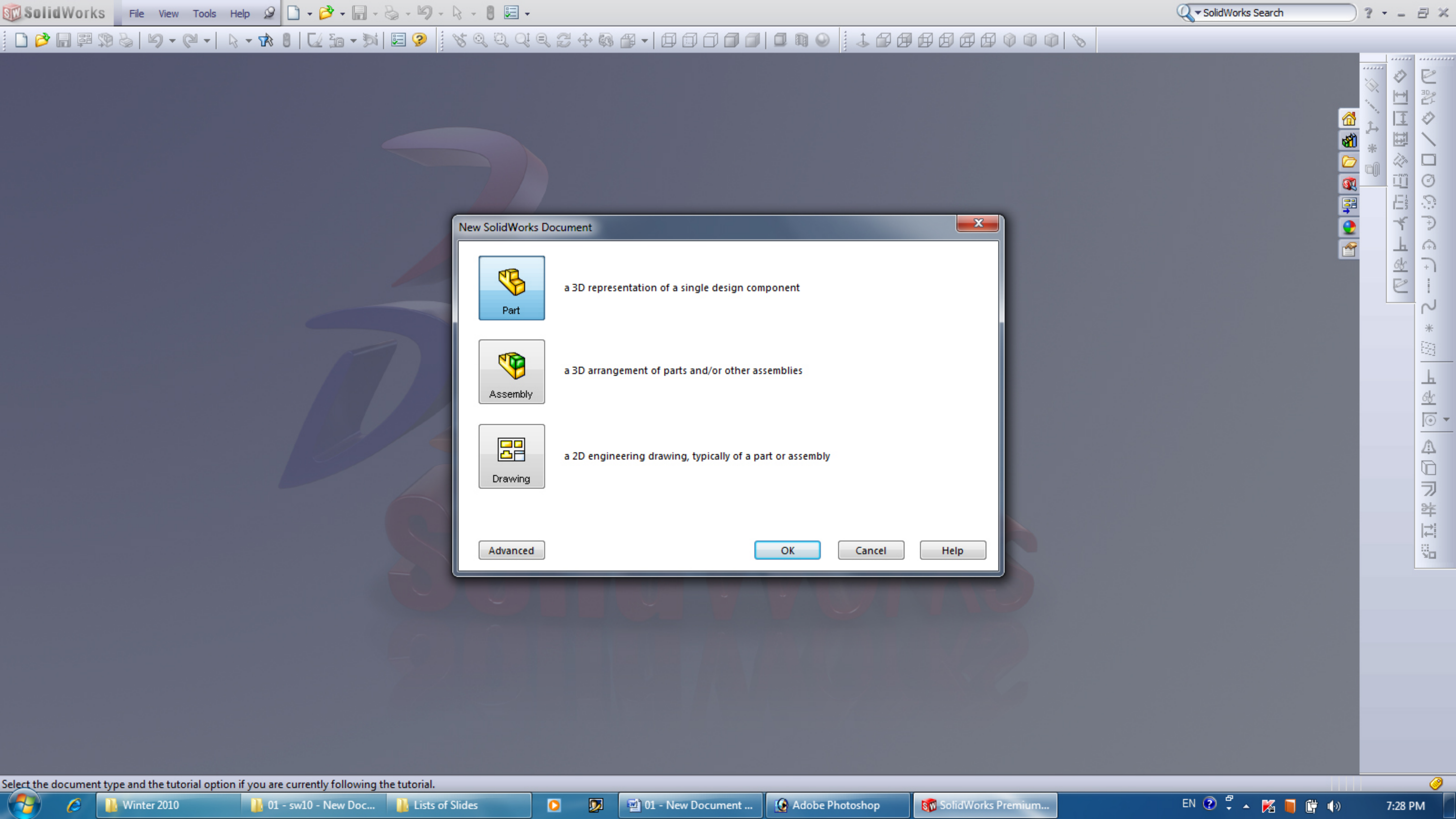
Find Custom Manufacturers

e.g., machining, casting. [Learn More](#)

Partner Solutions

SolidWorks Labs





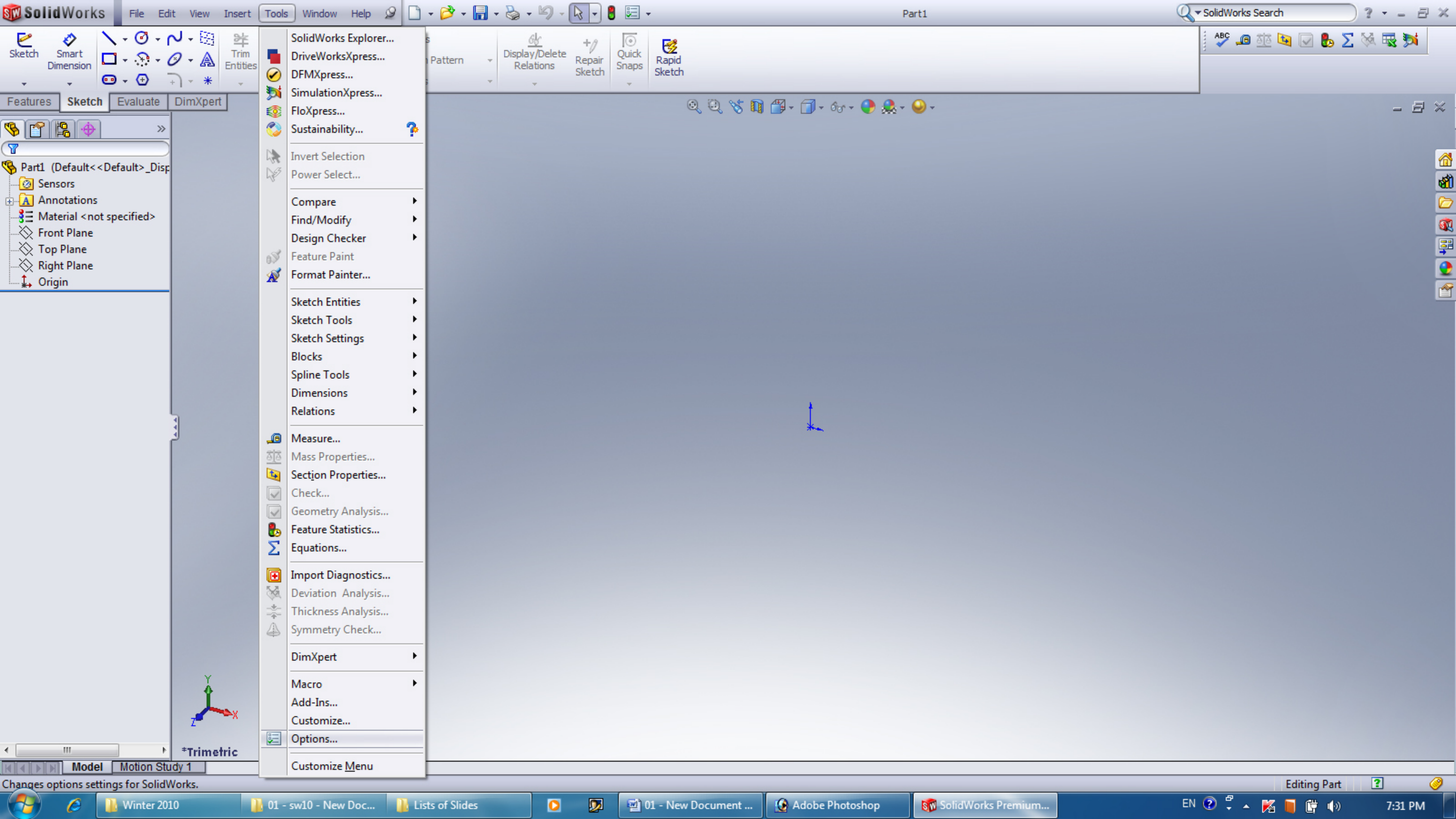
New SolidWorks Document

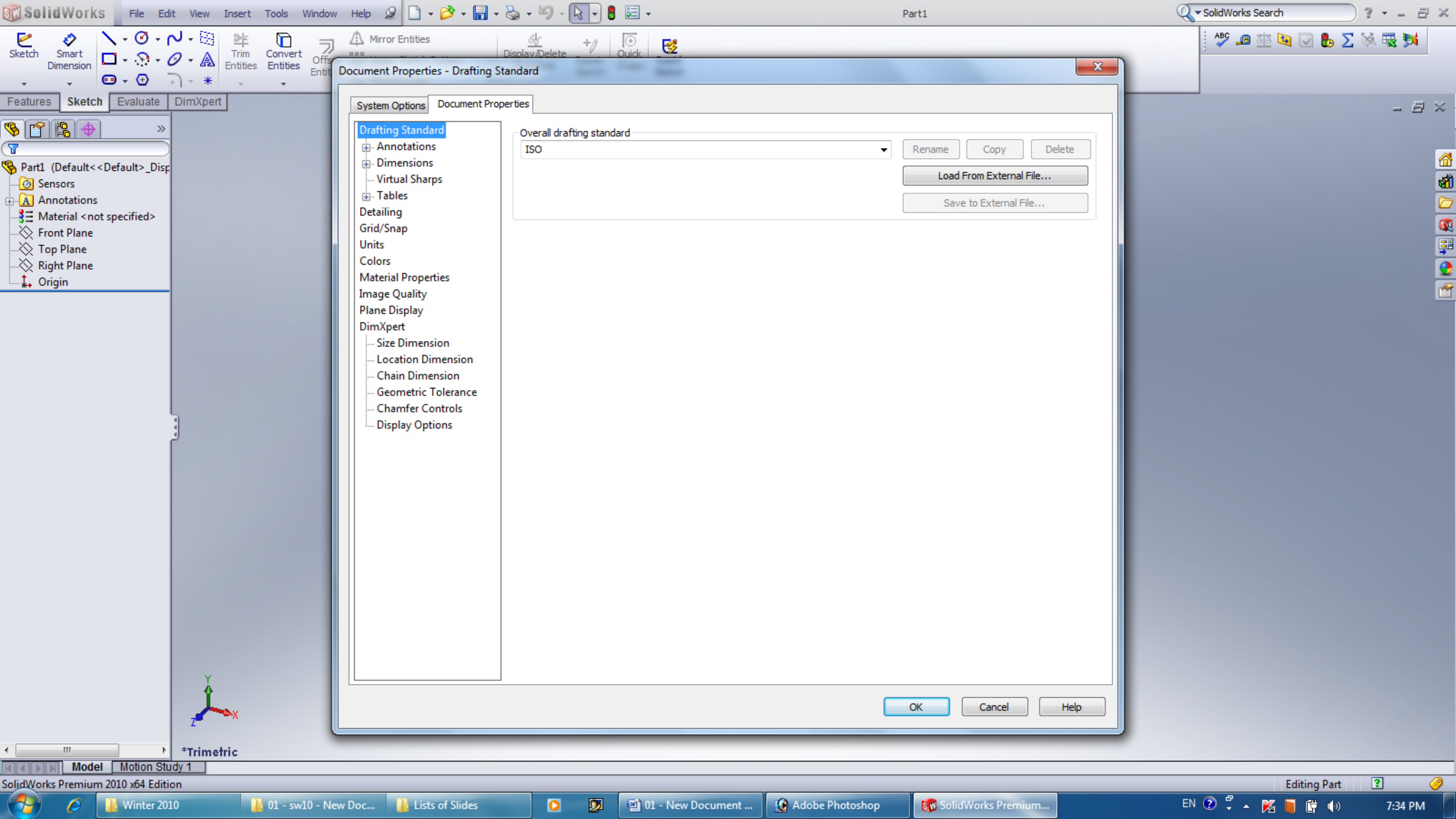
 a 3D representation of a single design component

 a 3D arrangement of parts and/or other assemblies

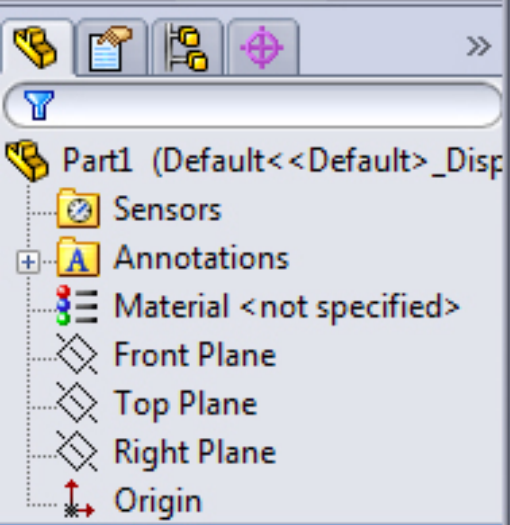
 a 2D engineering drawing, typically of a part or assembly

Advanced OK Cancel Help





Features Sketch Evaluate DimXpert



Document Properties - Drafting Standard

System Options Document Properties

Drafting Standard

+ Annotations

+ Dimensions

+ Virtual Sharps

+ Tables

Detailing

Grid/Snap

Units

Colors

Material Properties

Image Quality

Plane Display

DimXpert

+ Size Dimension

+ Location Dimension

+ Chain Dimension

+ Geometric Tolerance

+ Chamfer Controls

+ Display Options

Overall drafting standard

ISO

Rename

Copy

Delete

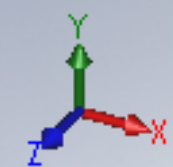
Load From External File...

Save to External File...

OK

Cancel

Help



*Trimetric

Model Motion Study 1

SolidWorks Premium 2010 x64 Edition

Editing Part



Winter 2010

01 - sw10 - New Doc...

Lists of Slides



01 - New Document ...

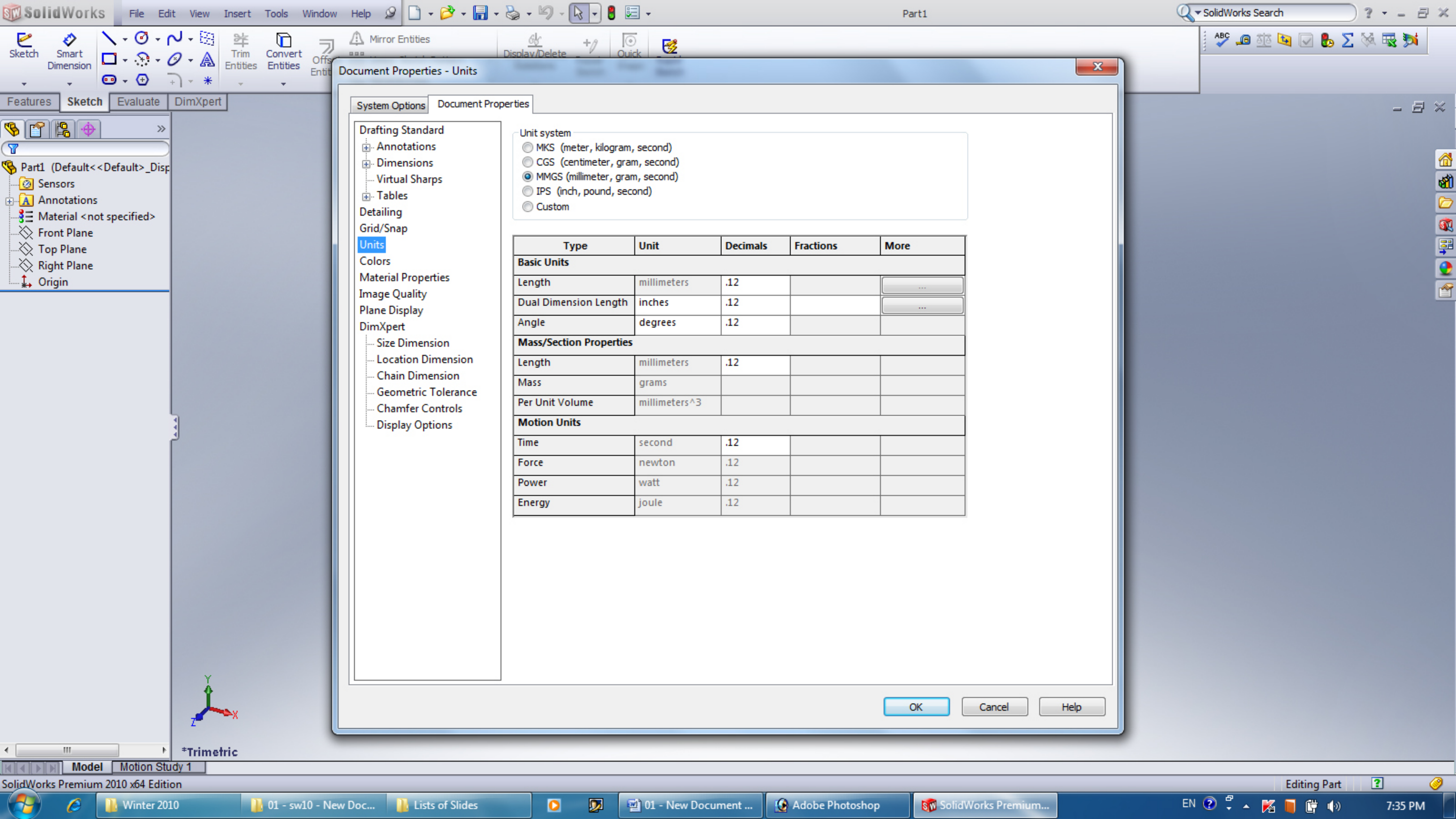
Adobe Photoshop

SolidWorks Premium...

EN



7:34 PM



Document Properties - Units

System Options Document Properties

Drafting Standard

Annotations

Dimensions

Virtual Sharps

Tables

Detailing

Grid/Snap

Units

Colors

Material Properties

Image Quality

Plane Display

DimXpert

Size Dimension

Location Dimension

Chain Dimension

Geometric Tolerance

Chamfer Controls

Display Options

Unit system

☐ MKS (meter, kilogram, second)

☐ CGS (centimeter, gram, second)

☒ MMGS (millimeter, gram, second)

☐ IPS (inch, pound, second)

☐ Custom

Type	Unit	Decimals	Fractions	More
Basic Units				
Length	millimeters	.12		...
Dual Dimension Length	inches	.12		...
Angle	degrees	.12		
Mass/Section Properties				
Length	millimeters	.12		
Mass	grams			
Per Unit Volume	millimeters^3			
Motion Units				
Time	second	.12		
Force	newton	.12		
Power	watt	.12		
Energy	joule	.12		

OK

Cancel

Help

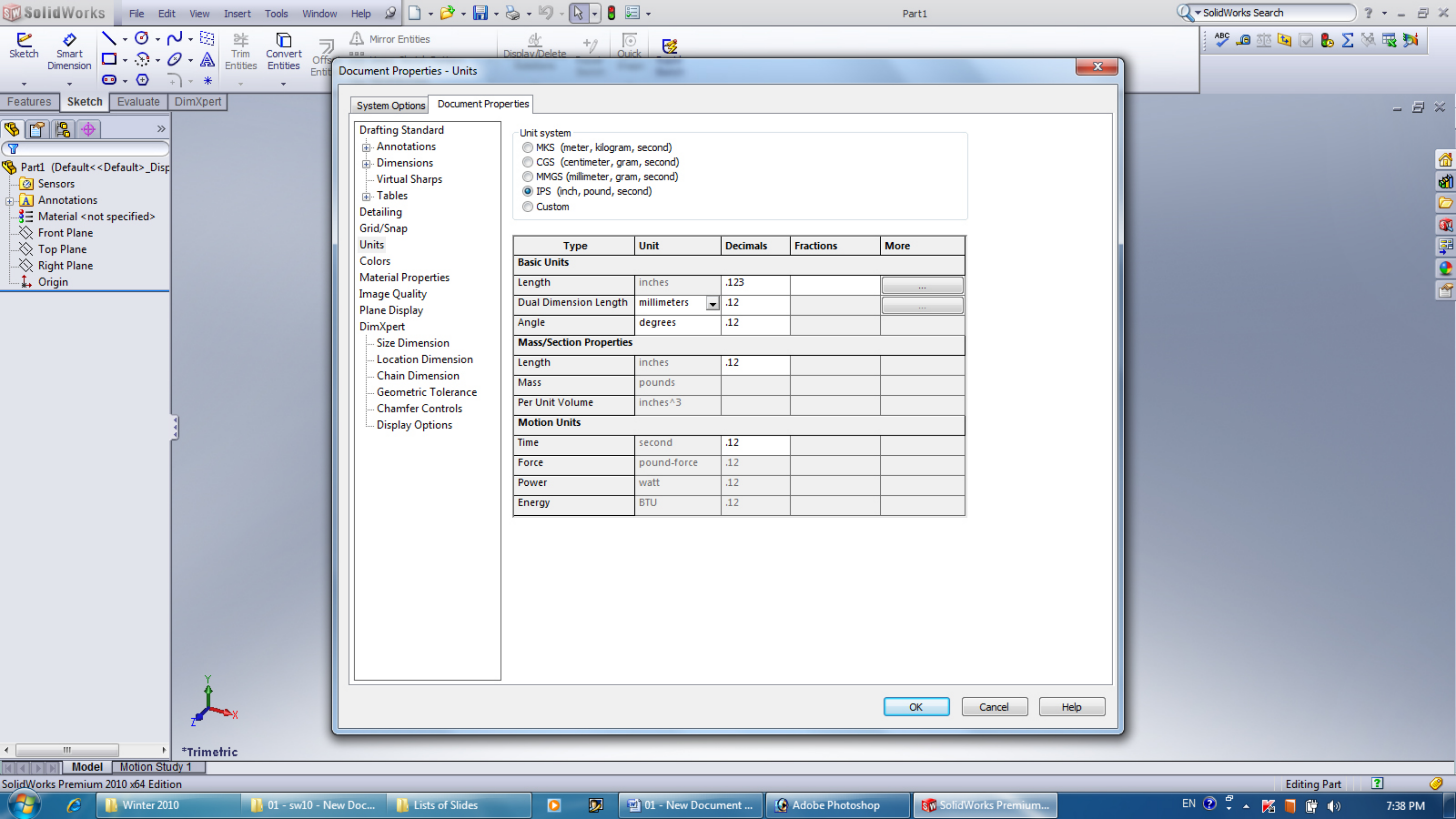
*Trimetric

Model Motion Study 1

SolidWorks Premium 2010 x64 Edition

Editing Part

7:35 PM



Document Properties - Units

System Options Document Properties

Drafting Standard

- Annotations
- Dimensions
- Virtual Sharps
- Tables

Detailing

Grid/Snap

Units

Colors

Material Properties

Image Quality

Plane Display

DimXpert

- Size Dimension
- Location Dimension
- Chain Dimension
- Geometric Tolerance
- Chamfer Controls
- Display Options

Unit system

- ☐ MKS (meter, kilogram, second)
- ☐ CGS (centimeter, gram, second)
- ☐ MMGS (millimeter, gram, second)
- ☒ IPS (inch, pound, second)
- ☐ Custom

Type	Unit	Decimals	Fractions	More
Basic Units				
Length	inches	.123		...
Dual Dimension Length	millimeters	.12		...
Angle	degrees	.12		
Mass/Section Properties				
Length	inches	.12		
Mass	pounds			
Per Unit Volume	inches^3			
Motion Units				
Time	second	.12		
Force	pound-force	.12		
Power	watt	.12		
Energy	BTU	.12		

OK

Cancel

Help

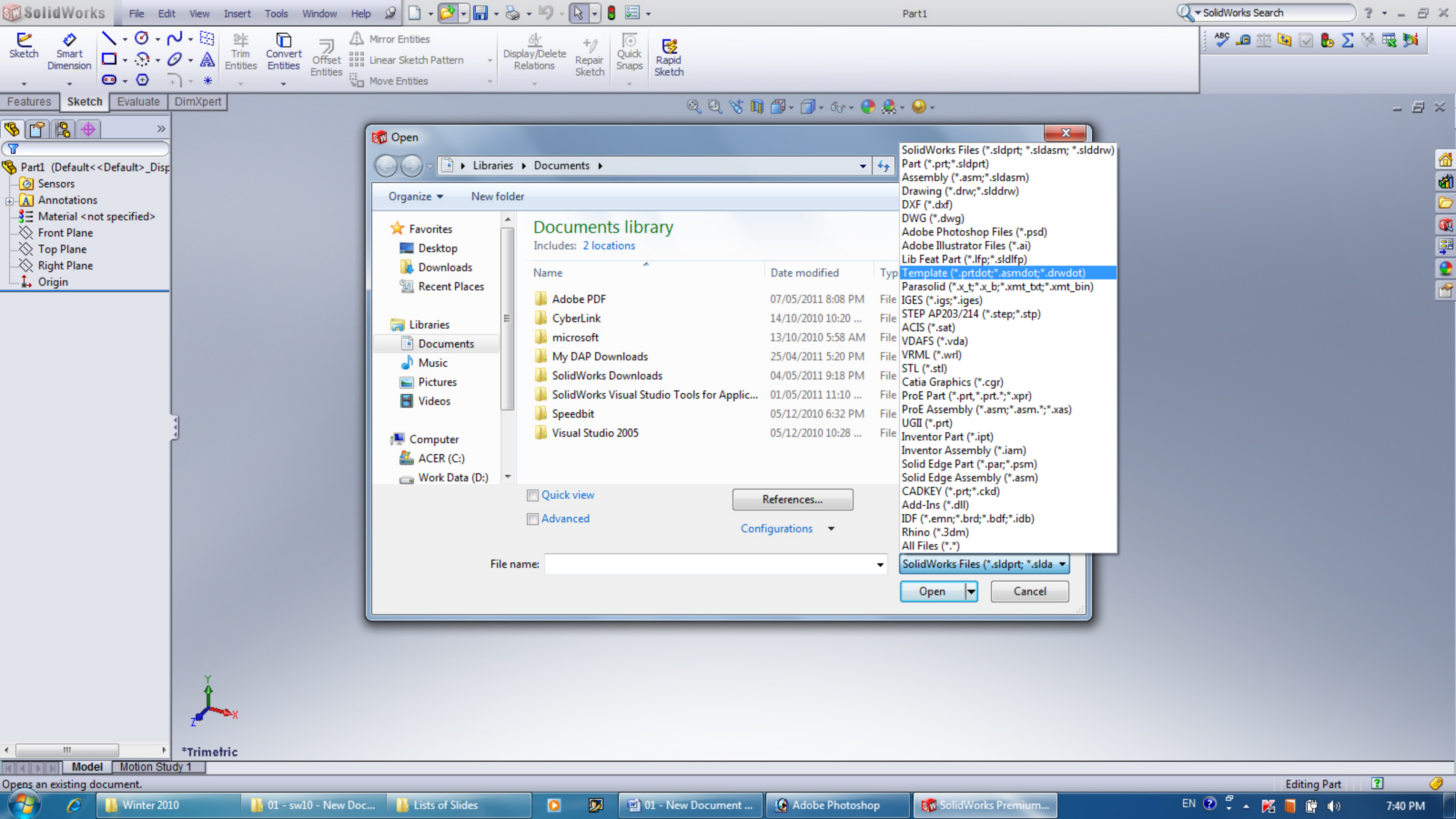
*Trimetric

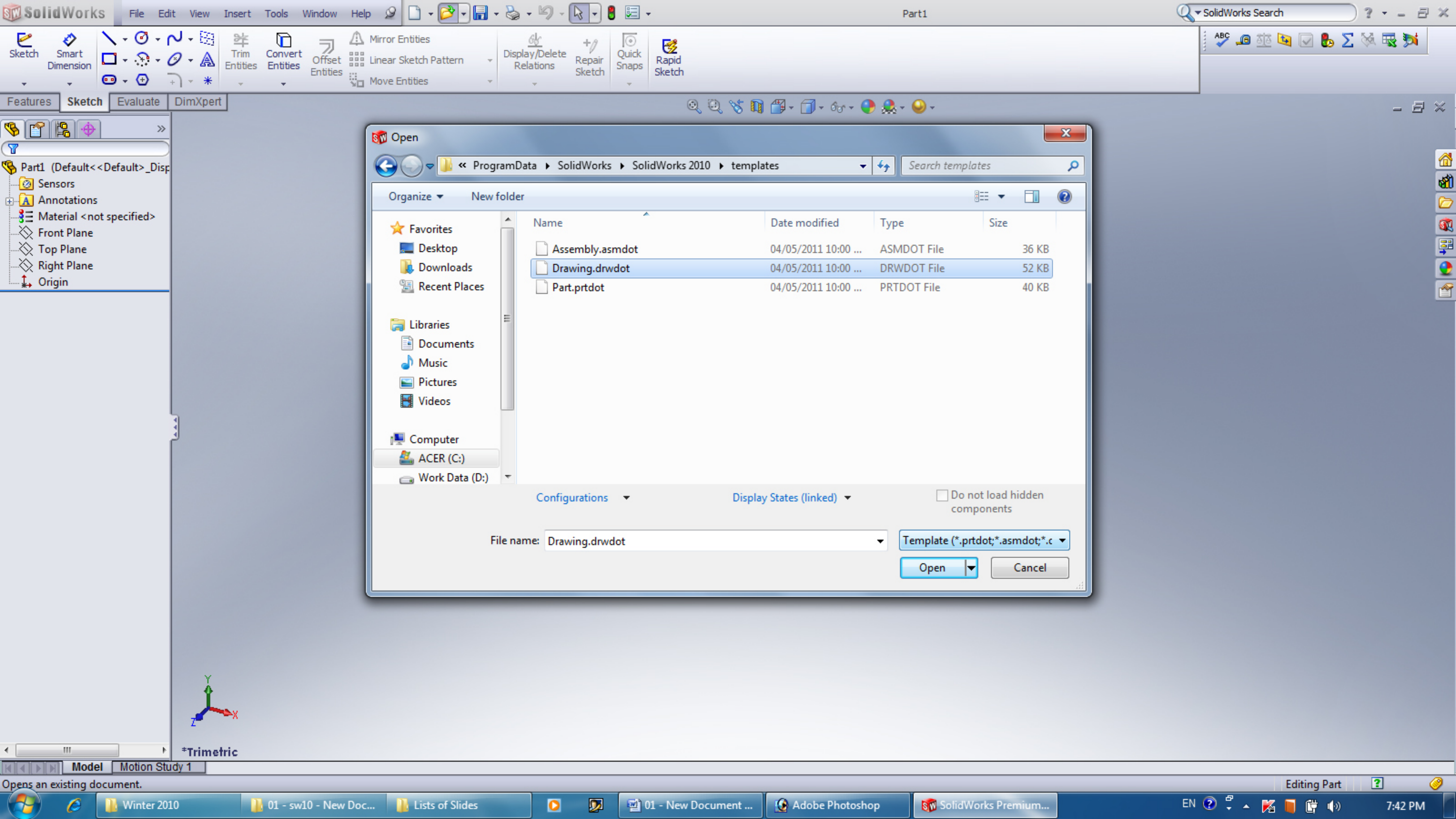
Model Motion Study 1

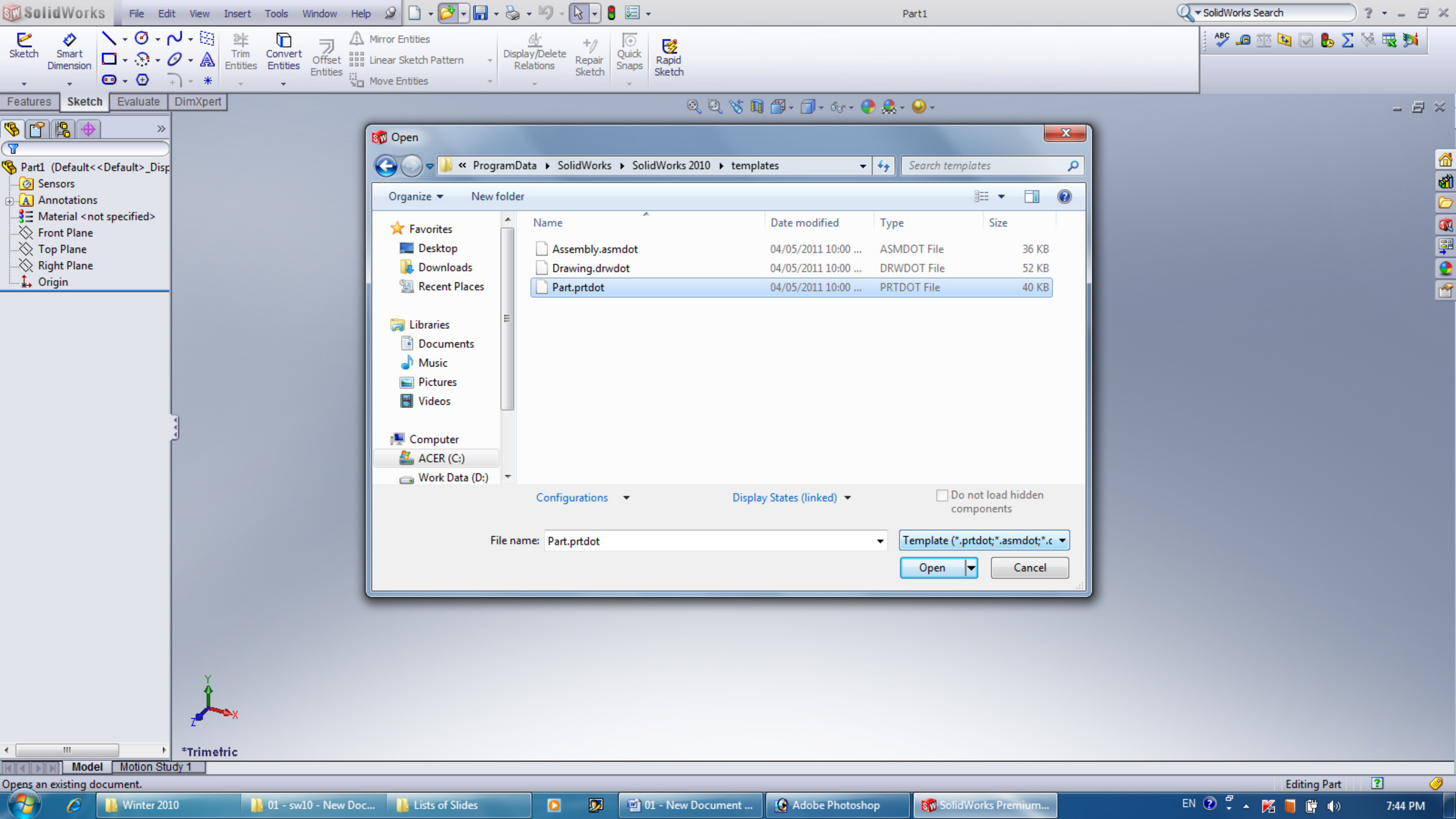
SolidWorks Premium 2010 x64 Edition

Editing Part

7:38 PM







Open

<< ProgramData > SolidWorks > SolidWorks 2010 > templates

Search templates

Organize New folder

Name	Date modified	Type	Size
Assembly.asmdot	04/05/2011 10:00 ...	ASMDOT File	36 KB
Drawing.drwdot	04/05/2011 10:00 ...	DRWDOT File	52 KB
Part.prtdot	04/05/2011 10:00 ...	PRTDOT File	40 KB

File name: Part.prtdot

Template (*.prtdot;*.asmdot;*.c)

Open Cancel



Features Sketch Evaluate DimXpert

- Part1 (Default<<Default>_Disp
- Sensors
- Annotations
- Material <not specified>
- Front Plane
- Top Plane
- Right Plane
- Origin

Document Properties - Units

System Options Document Properties

Drafting Standard

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Colors

Material Properties

Image Quality

Plane Display

DimXpert

- Size Dimension
- Location Dimension
- Chain Dimension
- Geometric Tolerance
- Chamfer Controls
- Display Options

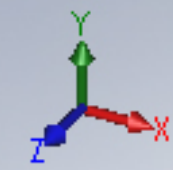
Unit system

- MKS (meter, kilogram, second)
- CGS (centimeter, gram, second)
- MMGS (millimeter, gram, second)
- IPS (inch, pound, second)
- Custom

Type	Unit	Decimals	Fractions	More
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Angle	degrees	.12		
Mass/Section Properties				
Length	inches	.12		
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Motion Units				
Time	second	.12		
Force	pound-force	.12		
Power	watt	.12		
Energy	BTU	.12		

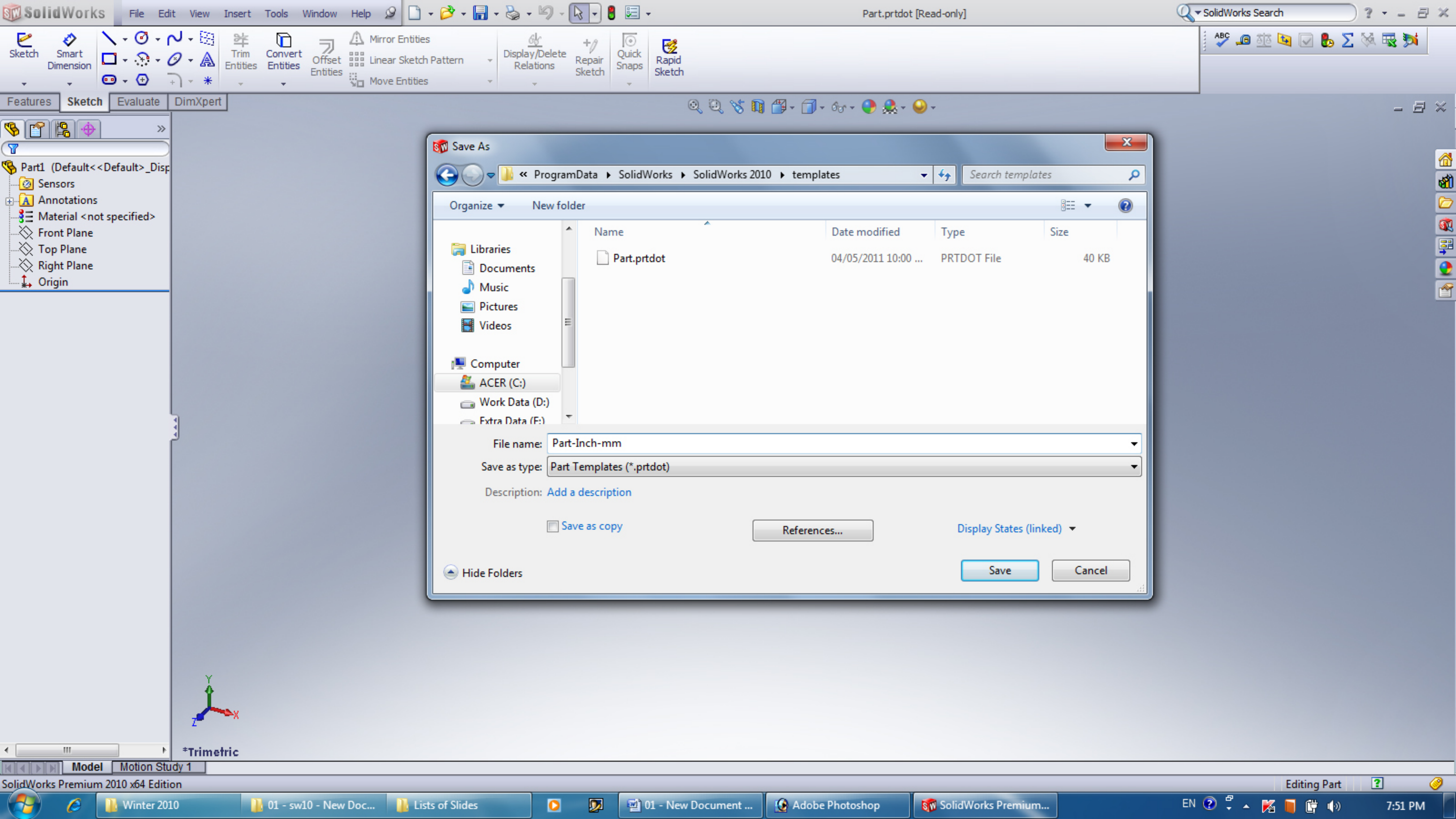
OK Cancel Help

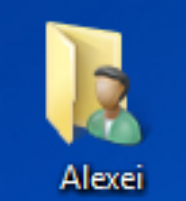
Overall drafting standard has been changed to "ISO-MODIFIED"



*Trimetric

Model Motion Study 1





Alexei



Computer



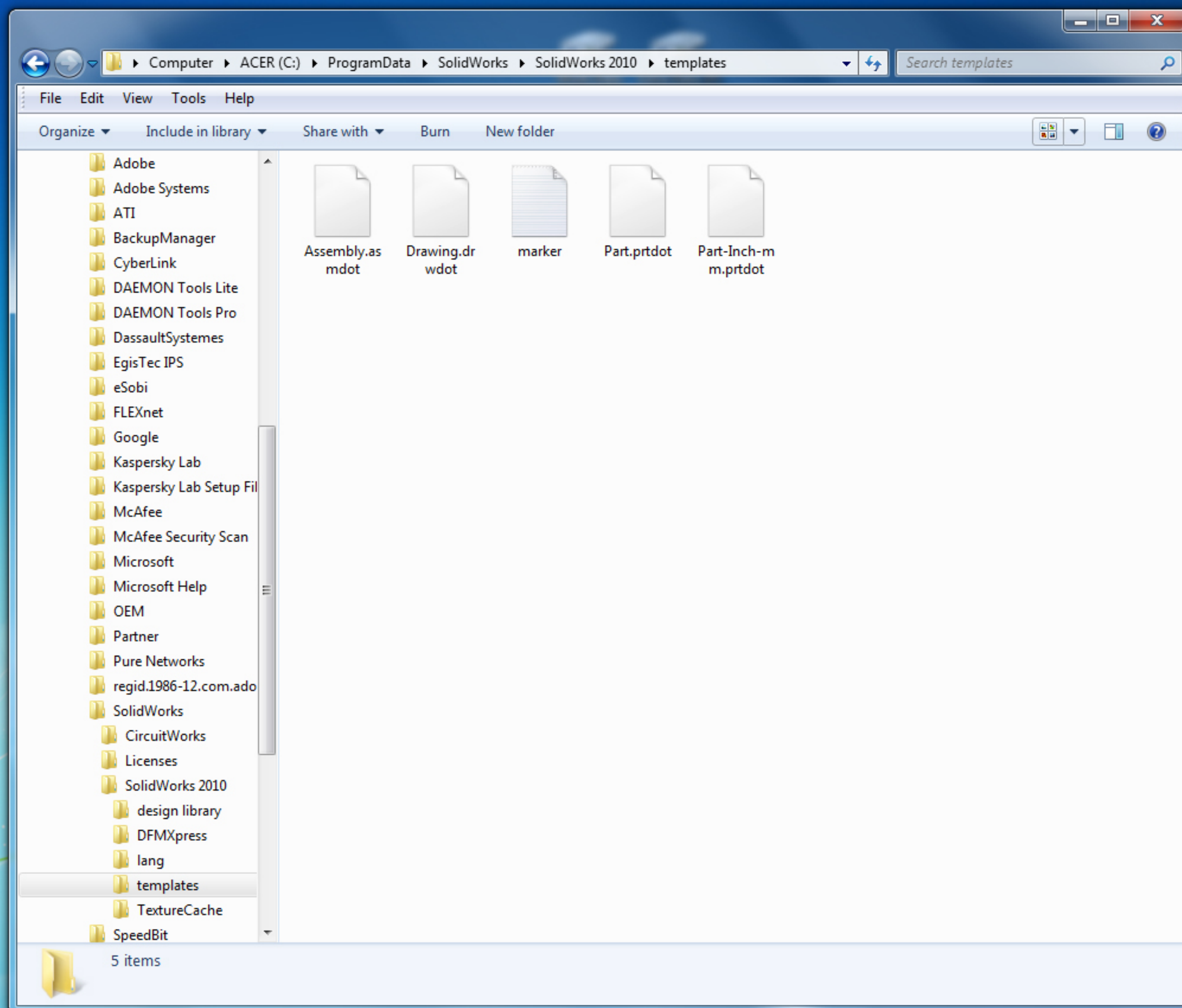
Recycle Bin



Power Data
Recovery



DAEMON
Tools Lite



ABBYY
Lingvo x3



Adobe
Photoshop...



Winter 2010

01 - sw10 - New Do...

Lists of Slides

templates



01 - New Document...

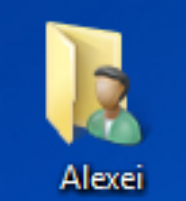
Adobe Photoshop

SolidWorks Premiu...

EN



8:07 PM



Alexei



Computer



Recycle Bin



Power Data
Recovery



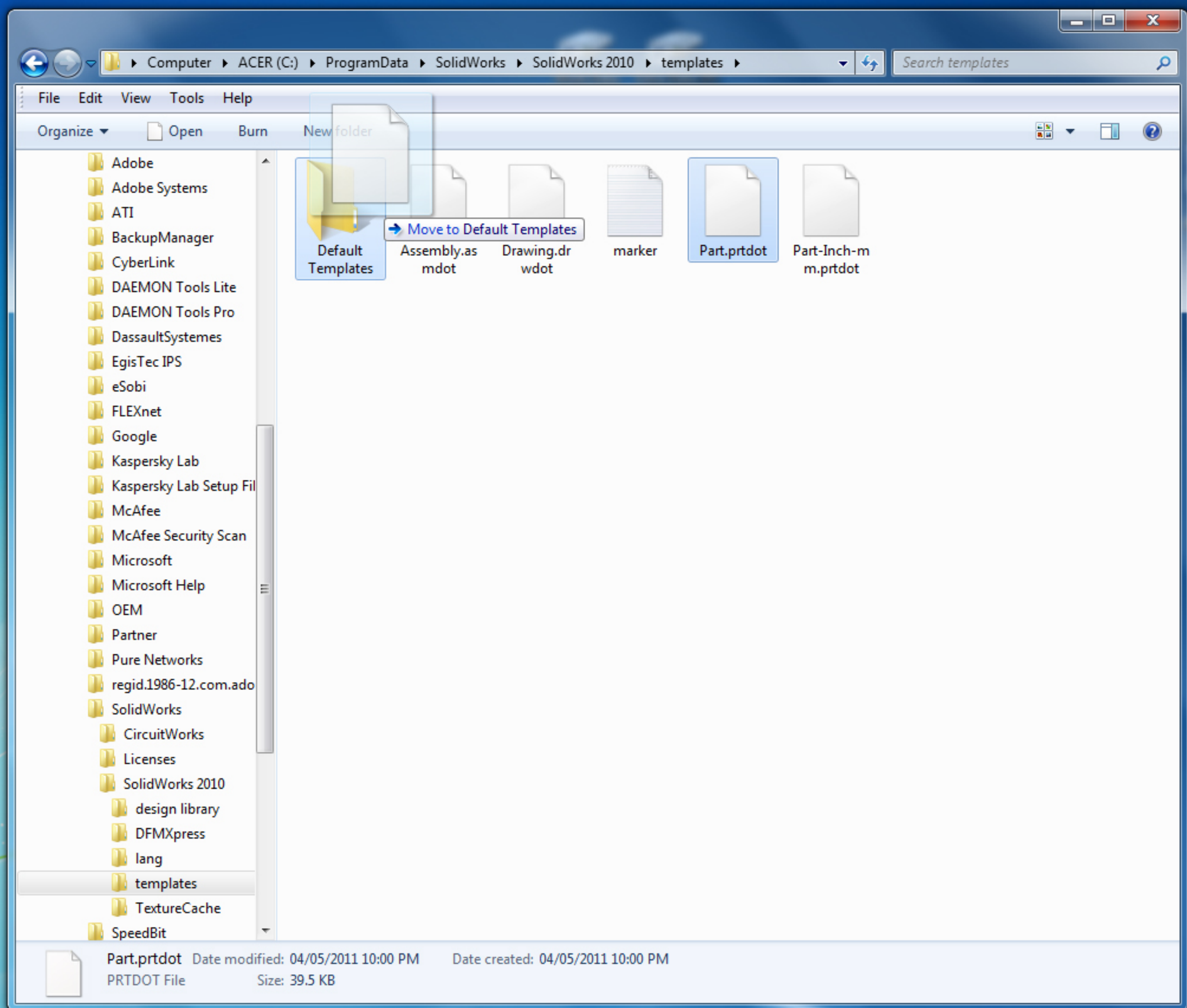
DAEMON
Tools Lite



ABBYY
Lingvo x3



Adobe
Photoshop...



Winter 2010

01 - sw10 - New Do...

Lists of Slides

templates



01 - New Document...

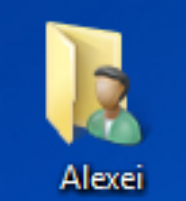
Adobe Photoshop

SolidWorks Premiu...

EN



8:10 PM



Alexei



Computer



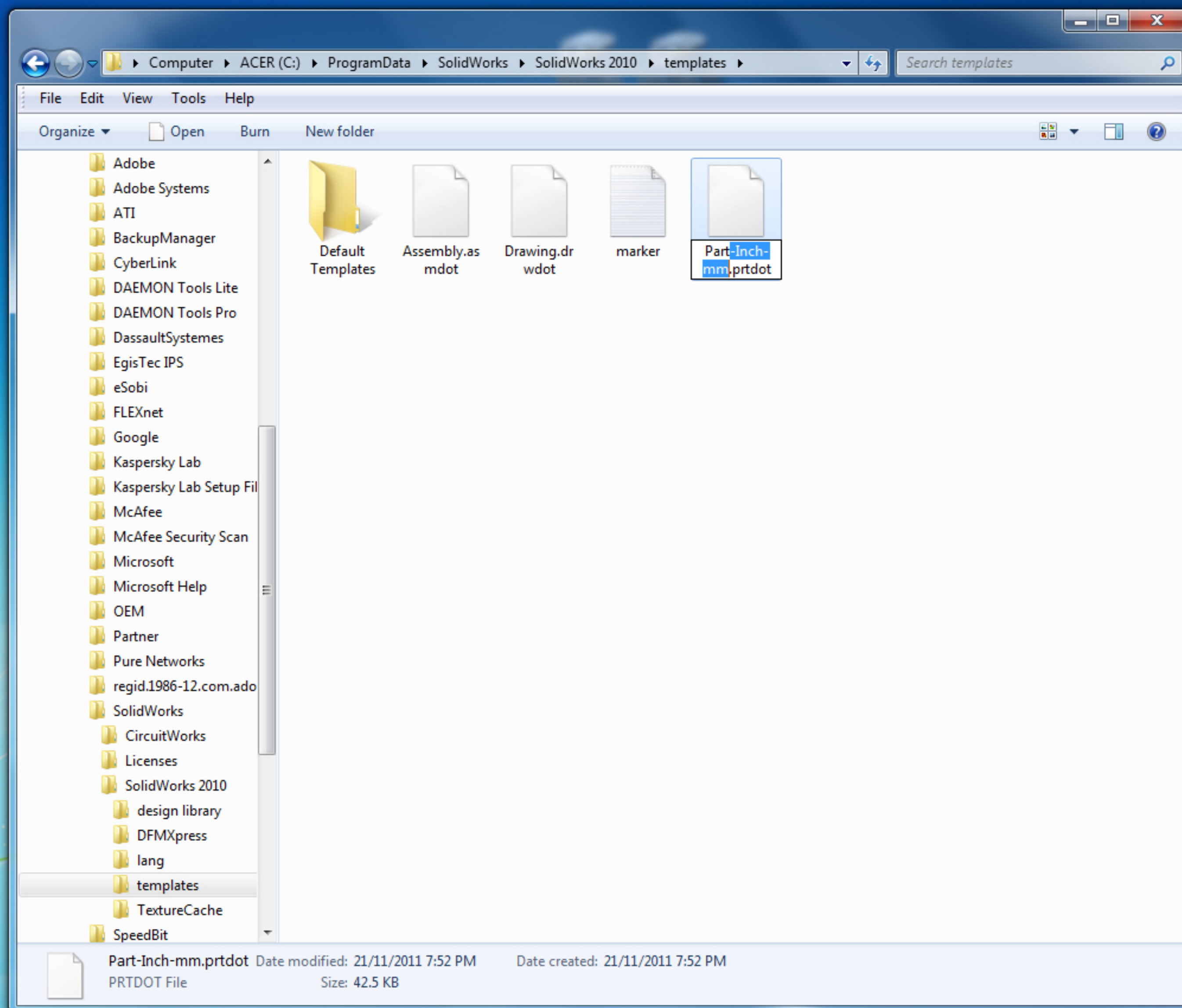
Recycle Bin



Power Data
Recovery



DAEMON
Tools Lite



ABBYY
Lingvo x3



Adobe
Photoshop...



Winter 2010

01 - sw10 - New Do...

Lists of Slides

templates



01 - New Document...

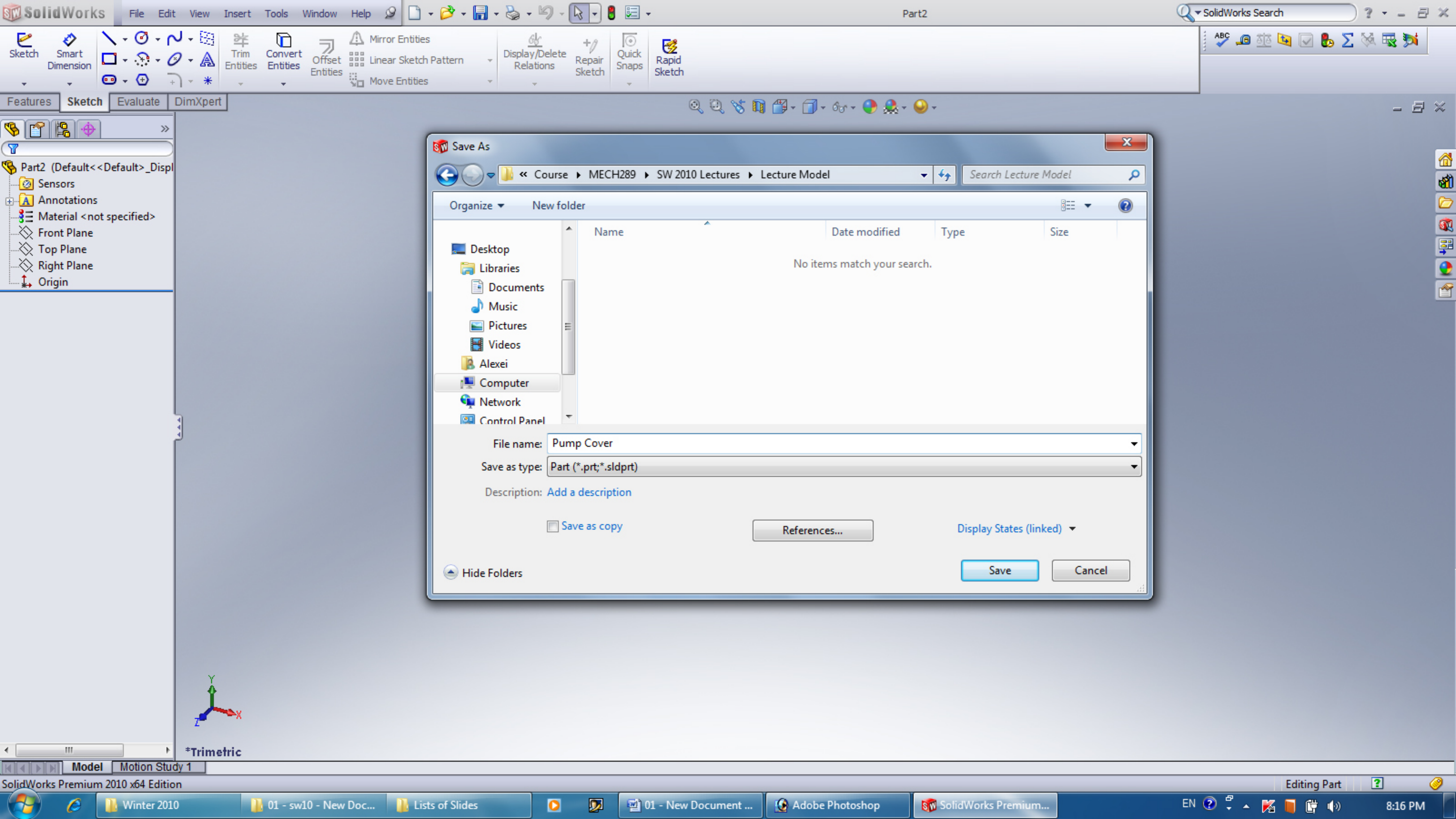
Adobe Photoshop

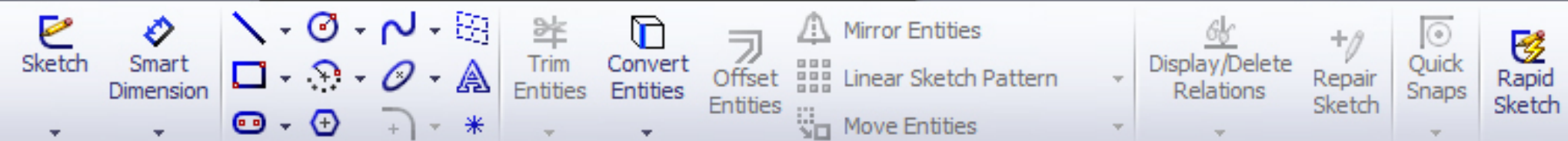
SolidWorks Premiu...

EN

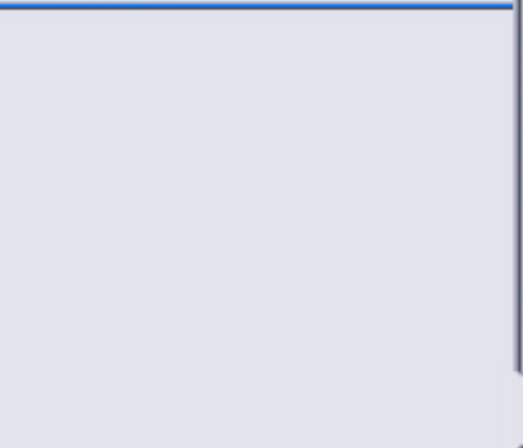
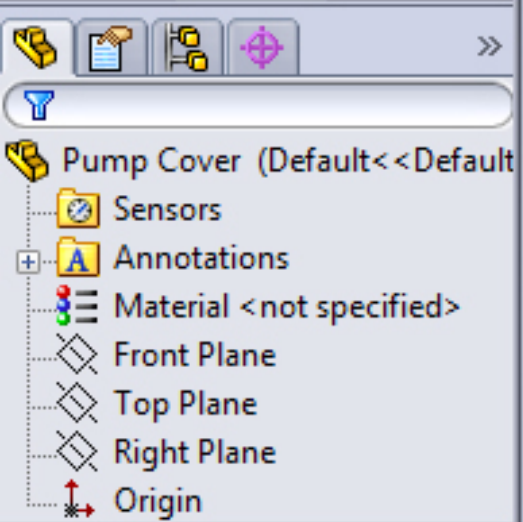


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Features Sketch Evaluate DimXpert



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Model Motion Study 1

Features Toolbar



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01 - New Document ...

Adobe Photoshop

SolidWorks Premium...

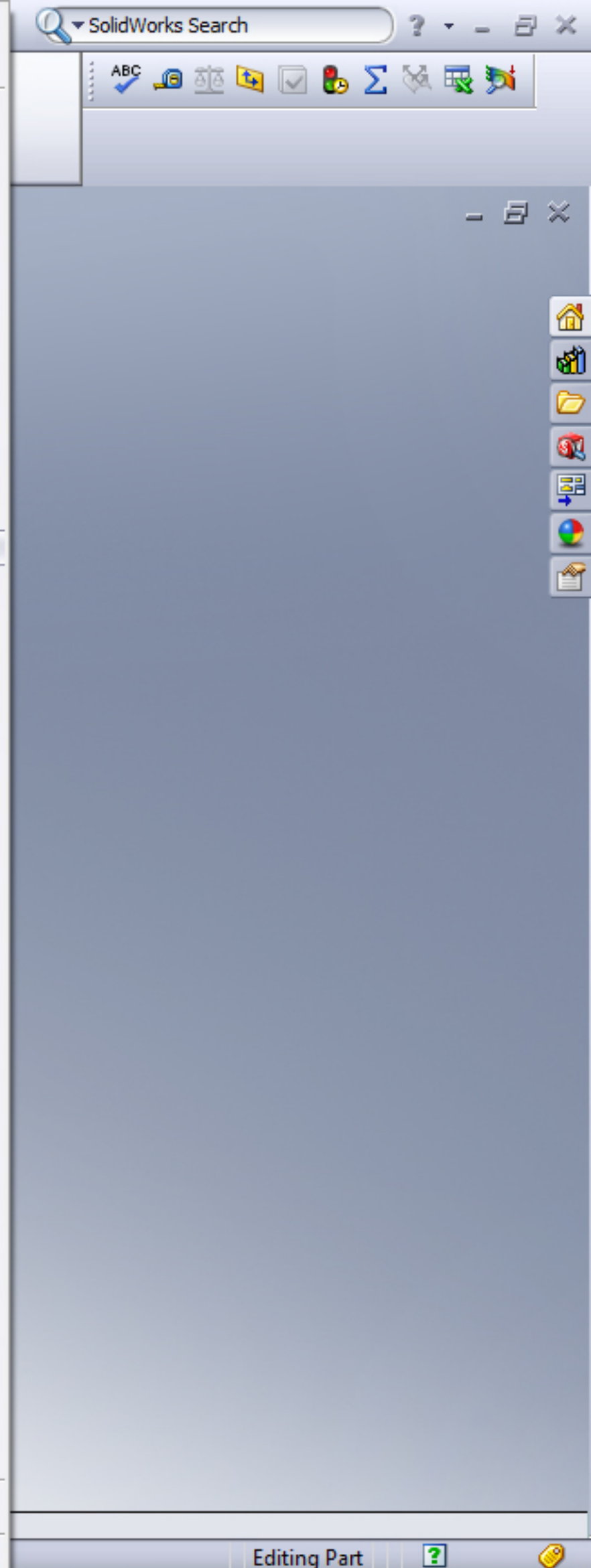
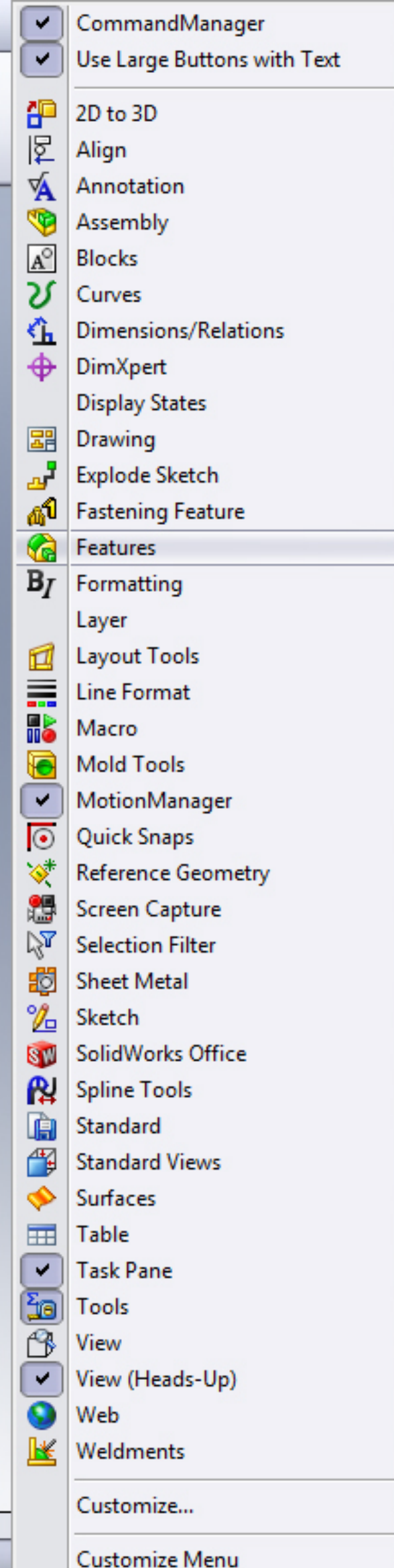
EN

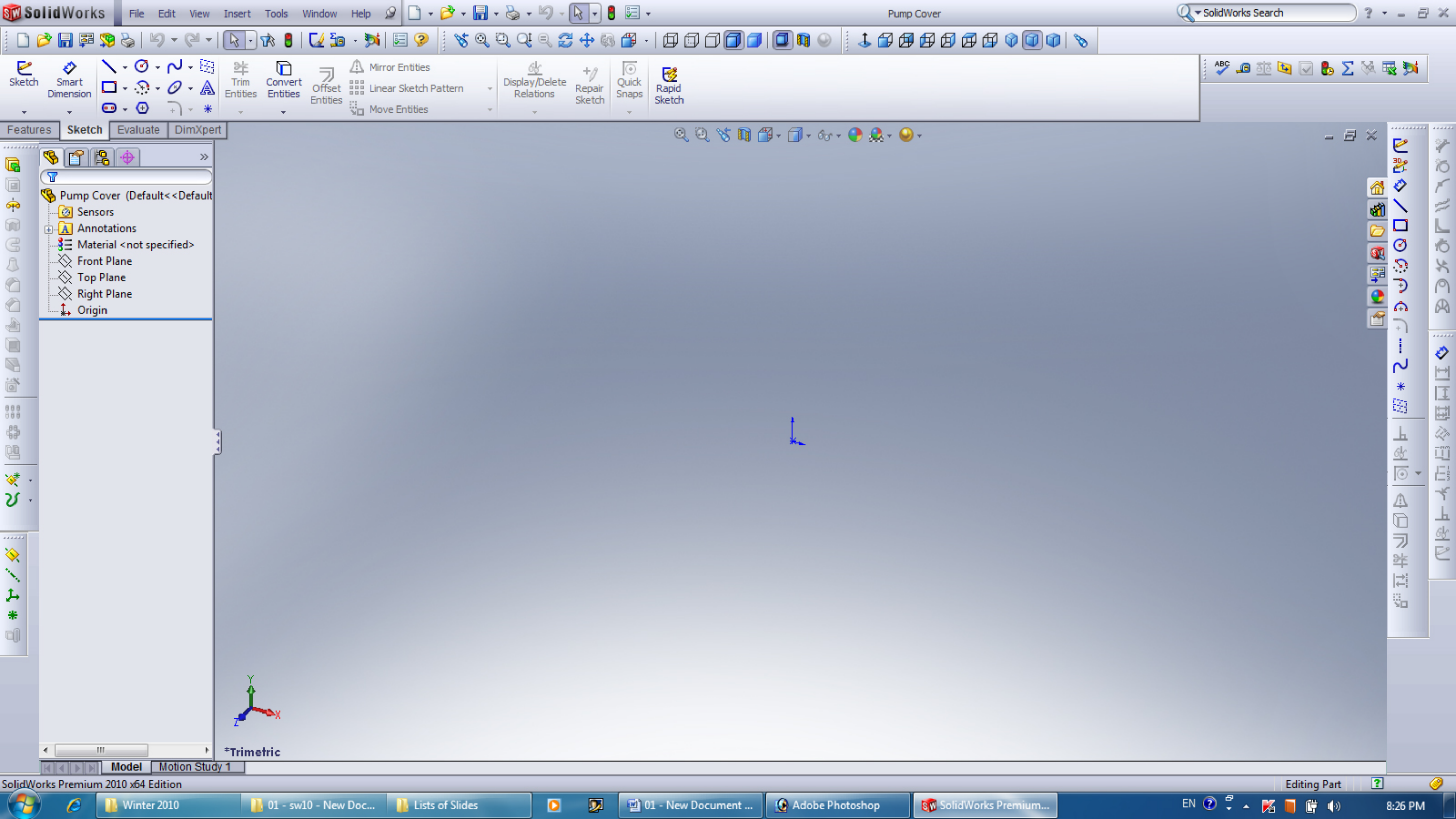


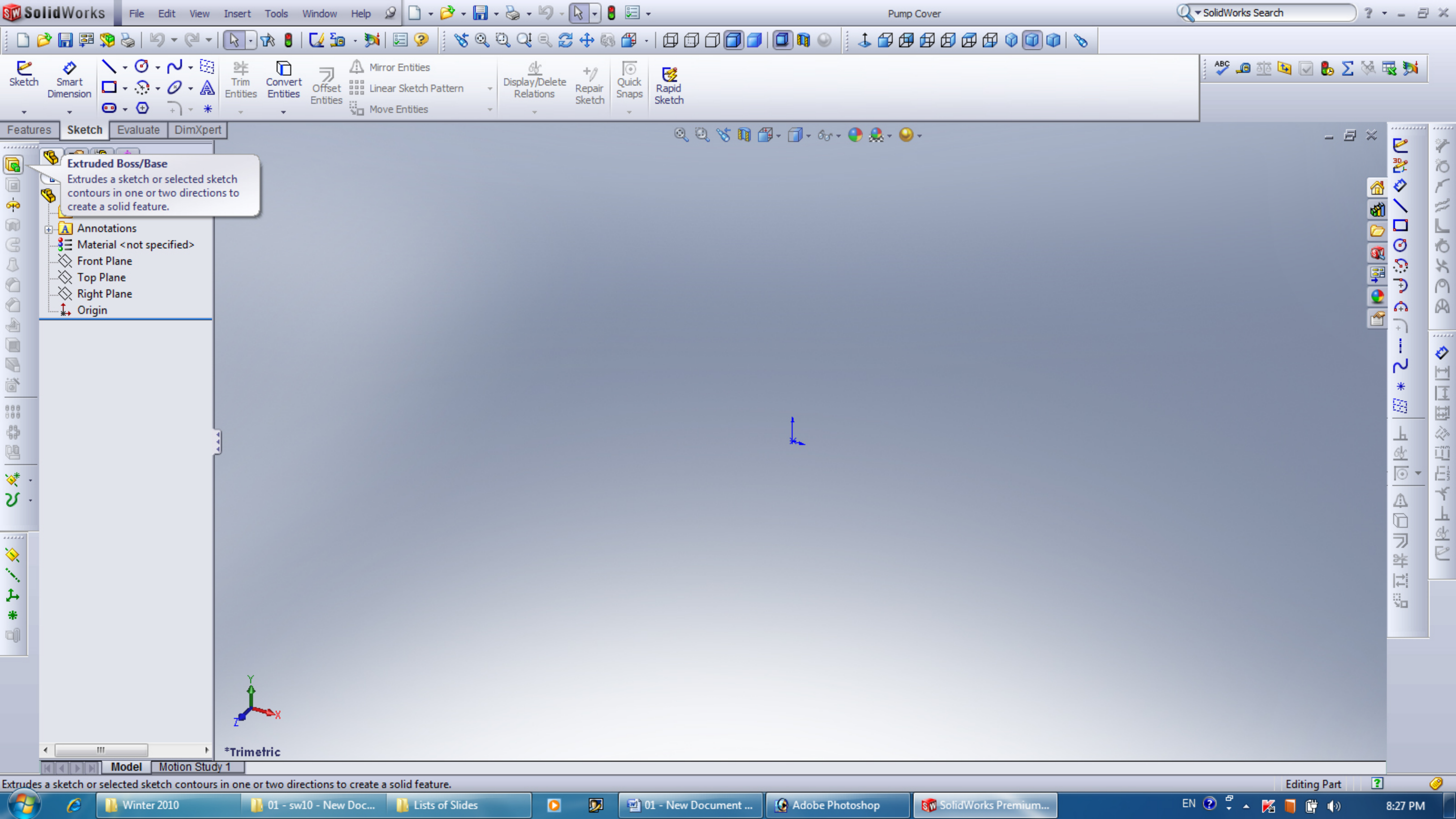
Editing Part



8:19 PM







Features Sketch Evaluate DimXpert

**Extruded Boss/Base**

Extrudes a sketch or selected sketch contours in one or two directions to create a solid feature.

Annotations

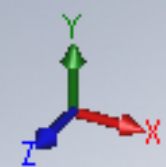
Material <not specified>

Front Plane

Top Plane

Right Plane

Origin



*Trimetric

Model Motion Study 1

Extrudes a sketch or selected sketch contours in one or two directions to create a solid feature.

Editing Part



Winter 2010

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01 - New Document ...

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SolidWorks Premium...

EN



8:27 PM

