# Demo – SolidWorks Introduction
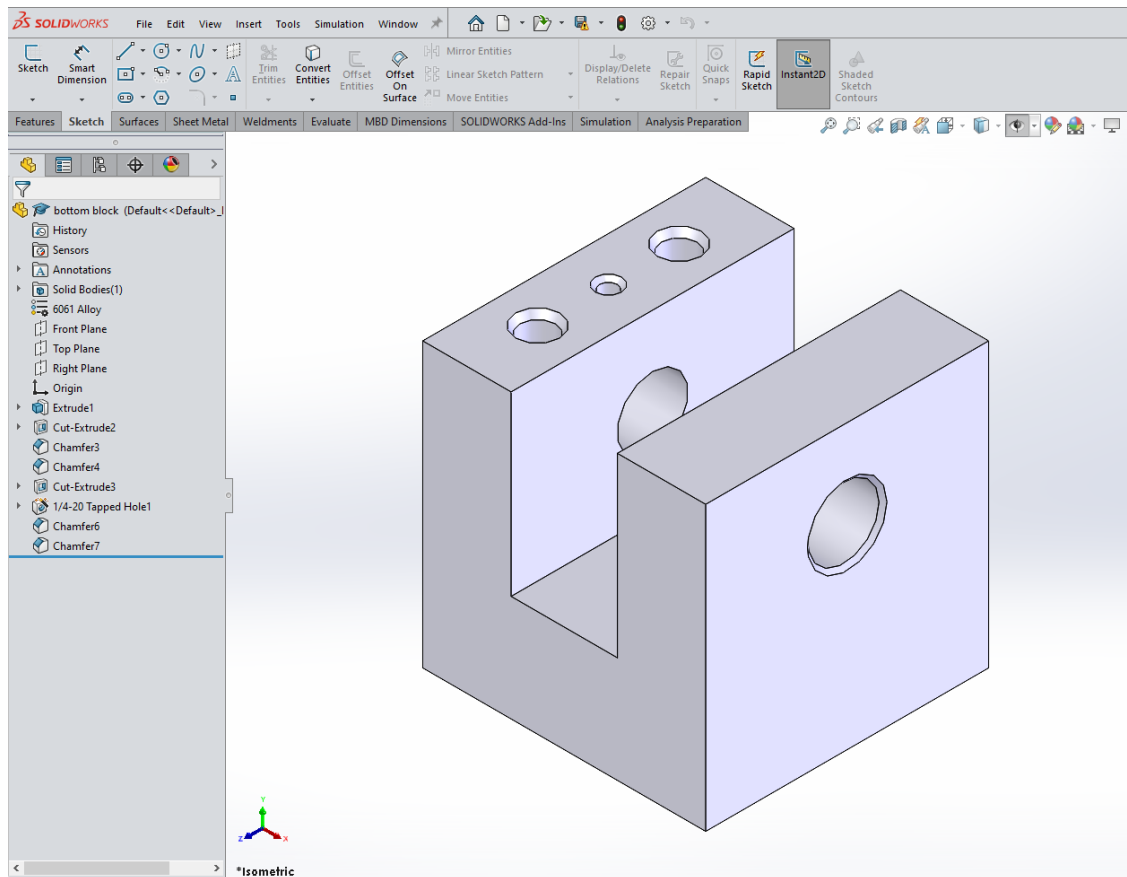
## SolidWorks View Manipulation and System Tips

Objective

Know how to:

1. Manipulate the model view (mouse, mouse+keyboard, hotkeys)
2. Use design tree and rollback bar
3. Find help material
4. Change Units
5. Change add-ins that load on start-up
6. Take custom screen shots

## View Manipulation



- Holding middle scroll button allows user to rotate part

- Scrolling in and out with the middle scroll wheel allows the user to zoom

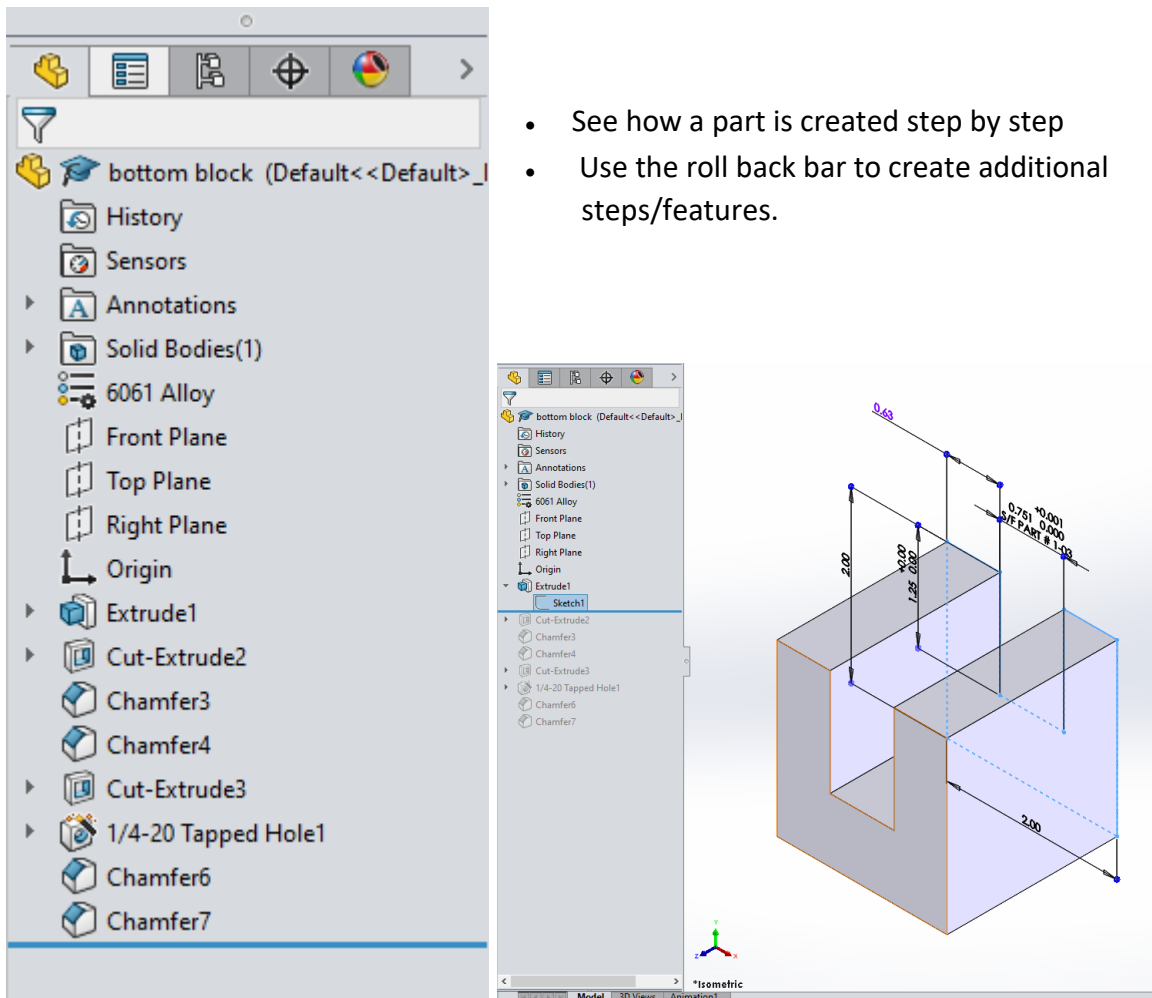- Holing the center scroll wheel and the right button allows the user to choose additional part manipulators such as pan, zoom fit, etc.

**View Hot Keys**

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| Front | Ctrl+1 |
|---|---|
| Back | Ctrl+2 |
| Left | Ctrl+3 |
| Right | Ctrl+4 |
| Top | Ctrl+5 |
| Bottom | Ctrl+6 |
| Isometric | Ctrl+7 |
| Normal To | Ctrl+8 |

## Design Tree

- See how a part is created step by step
- Use the roll back bar to create additional steps/features.

bottom block (Default<<Default>_|

- History
- Sensors
- Annotations
- Solid Bodies(1)
- 6061 Alloy
- Front Plane
- Top Plane
- Right Plane
- Origin
- Extrude1
- Cut-Extrude2
- Chamfer3
- Chamfer4
- Cut-Extrude3
- 1/4-20 Tapped Hole1
- Chamfer6
- Chamfer7

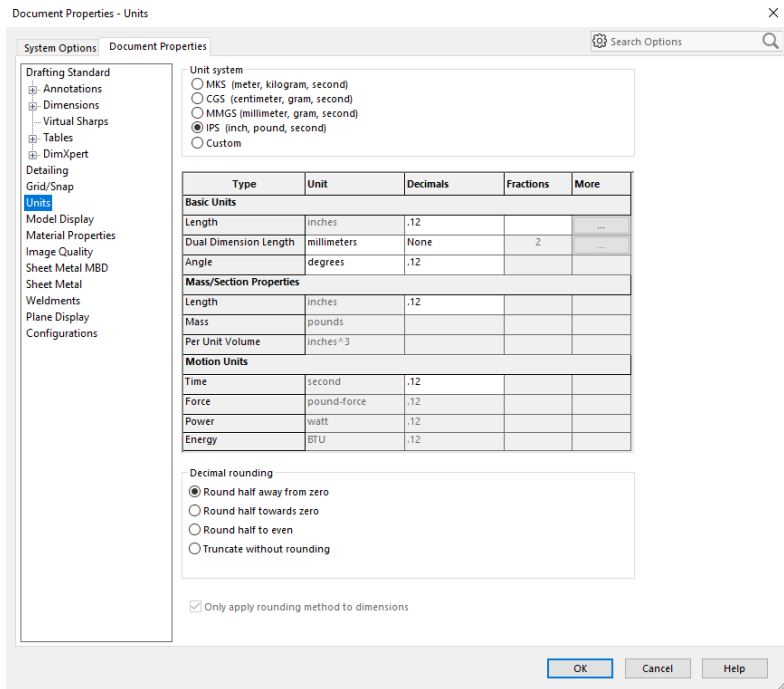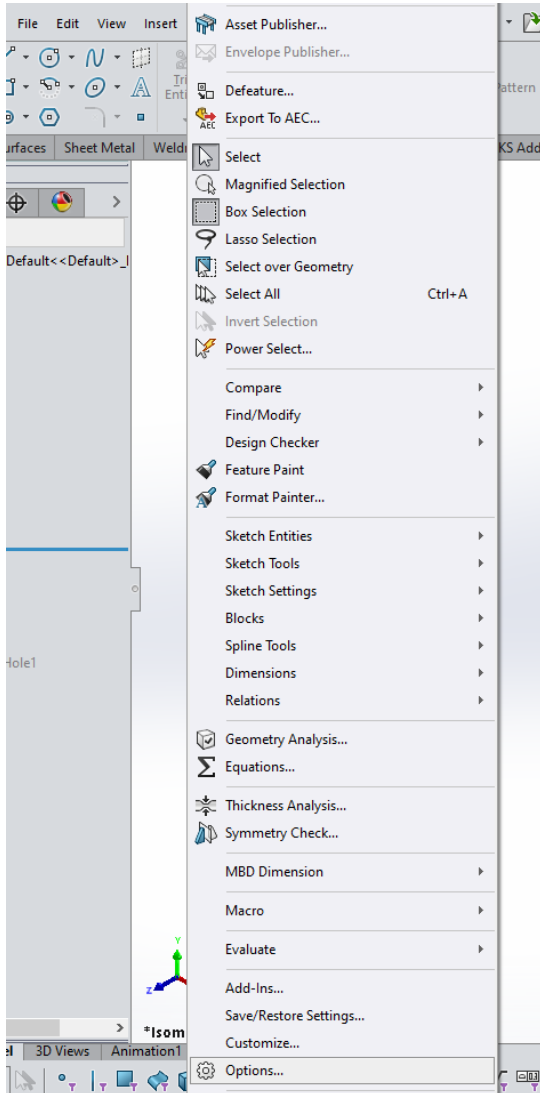# Demo – SolidWorks Introduction

## Help Menu
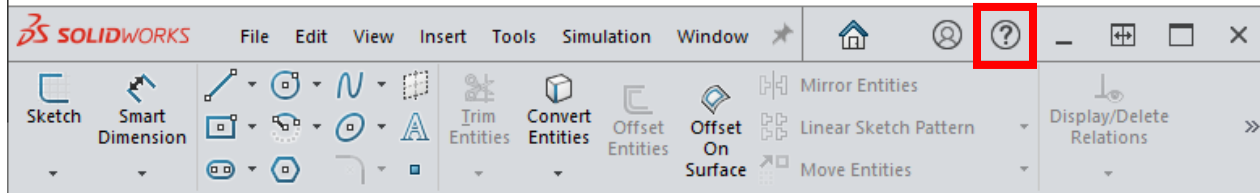


- Under the help the user can find a basic search engine, the online tutorials, and other SolidWorks help files.
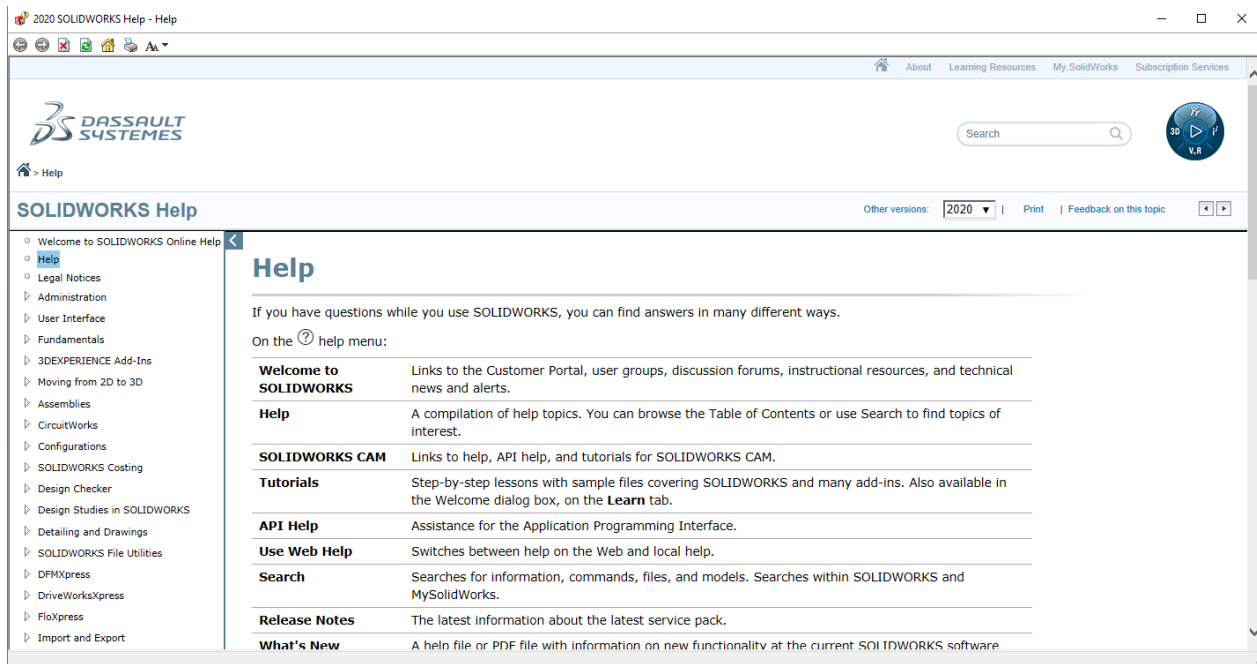
# Demo – SolidWorks Introduction
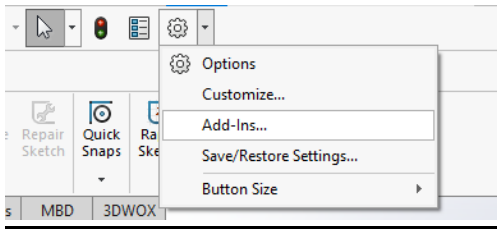
## System Options





- Change system properties in **Tools→Options**
- Change the user interface under System Options (this stays the same if changed after SW closes)
- Under Document Properties change units, and document appearance (this only applies to the open document).
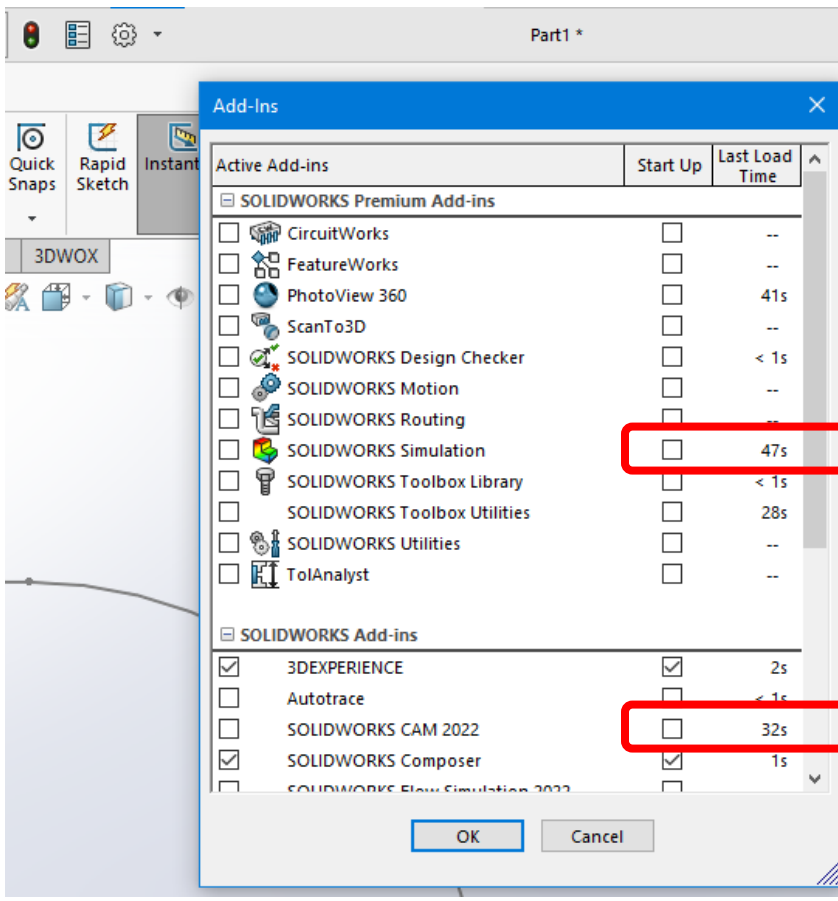- All online tutorials are in metric, all projects are in English.

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## Add-Ins



**Recommendation:** To speed up SolidWorks loading time, uncheck Simulation and CAM from the Start Up column.



## Screen shots for HW

**Recommendation:** Use the Sketch and Snip Tool on Windows computers
(Shift+Window+S) – Choose from Rectangle, Freeform, Window, Full-Screen