Sketch Constraints IV

Using Autodesk Inventor

Continued From Sketch Constraints III

1.INITIALIZATION

Start: Inventor



 Select: **Projects** Browse:



Project Name:



a. Startup

Find / open
 Project:
 Select / Verify
 Workspace
 Libraries

Example Project Window

Your folders will be different



a. Inventor: Folder | Project

2D Sketch Constraints

- Symmetrical
- Colinear

EXAMPLE 4



a. Open (given file)

 Save-As: Save in: Workspace File name File type: 	→ tor Parts (*.ipt)		Save As Save As Save As Save the file in the default for Save the active file specified ir box. The origin Save the active Save the a	or f_x = • • • • • • • • • • • • • • • • • •
	Save As Workspace Libraries Given Content Center Files	Save in: working Name OldVersions Coin_Hor_Ver.ipt Conc_Tangent.ipt Para_Perp_Eq.ipt File name: Sym_Colin.ipt Save as type: Autodesk Inventor Parts (*.ipt)	▼ ●	Si er k Inventor k Inventor
b. Save a	B	Preview	Options Save	Cancel



c. Edit the sketch









g. horizontal -vertical



h. Position - Verify

Pick <lmb>:
 ✓Sketch: Sketch
 ✓Dimension:



- Results:
 Values:
 - Restraints:



i. Dimension



h. Position - Verify



i. Add Constraint



j. Constrain | Dimension



- Position (Drag)
- Constrain
 - Colinear
 - Symmetric
 - Dimension
 - Equal
 - Horizontal (points)
 - Vertical (points)
- Verify
 - Constraints
 - Degrees of Freedom

I. Finish



Pick: Region Properties The region:

• Results:



m. region properties