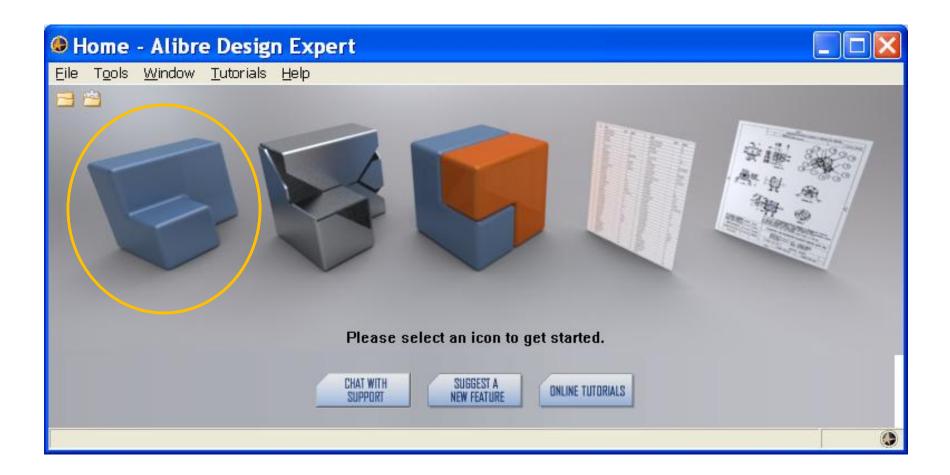
Alibre Walk-Thru

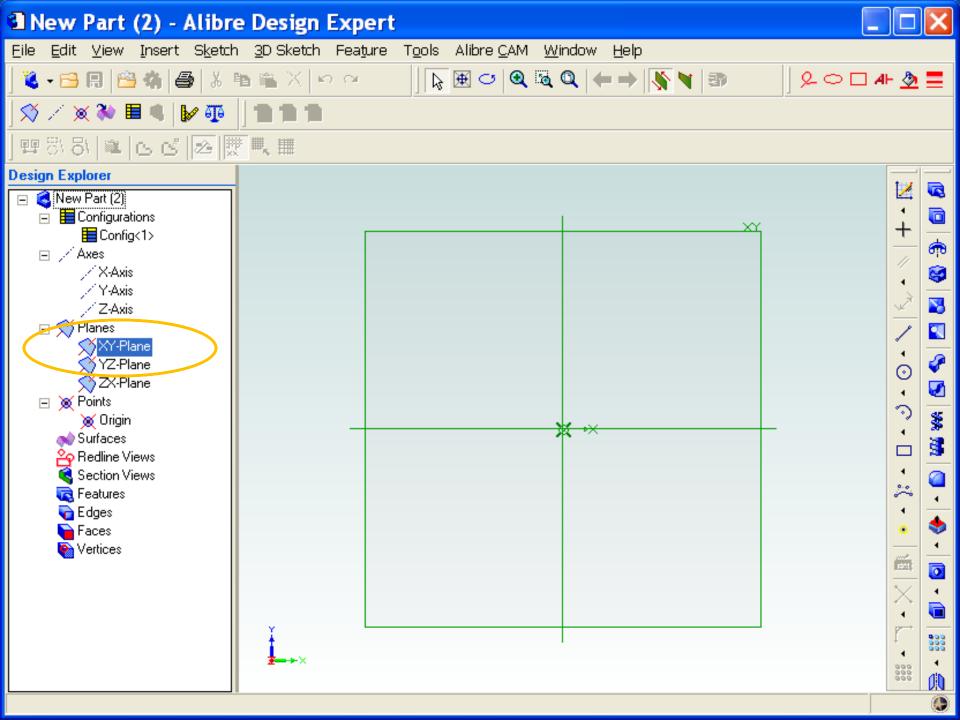
Lee Morin Houston Home Metal Shop Club Feb 2010

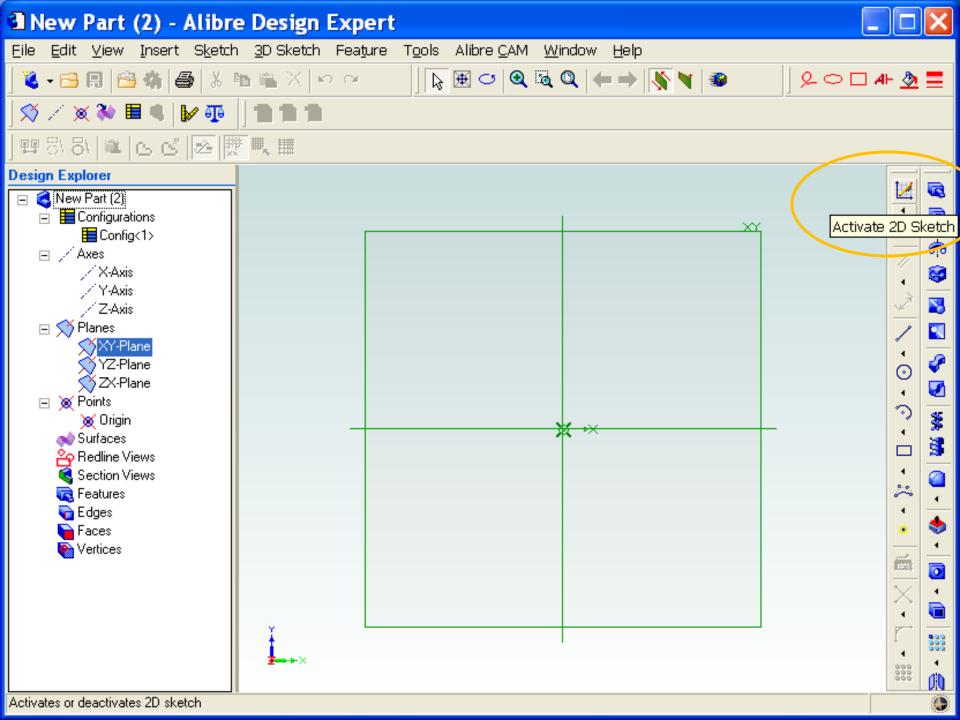
What is Alibre?

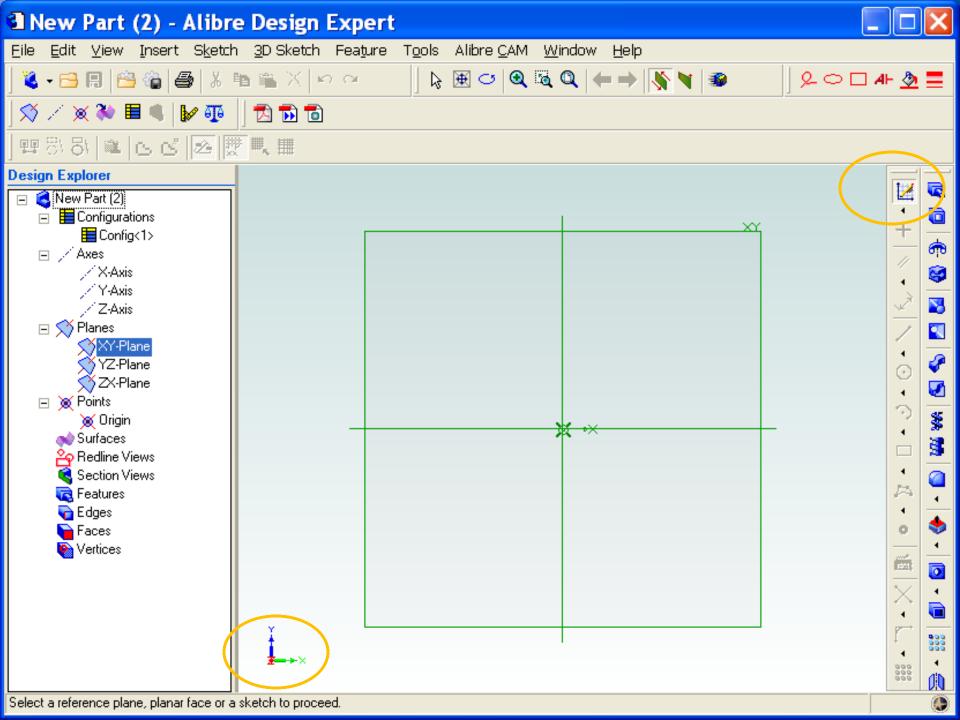
- Alibre is a Windows CAD package
 - Capable
 - Intermediate Cost (\$200 to \$1000)
 - Different Levels available
 - Has very interactive 3-D interface
- Free Alibre Express versions and Trials can be downloaded
- Lee has no financial or other relationship with the Alibre company (except as a customer)

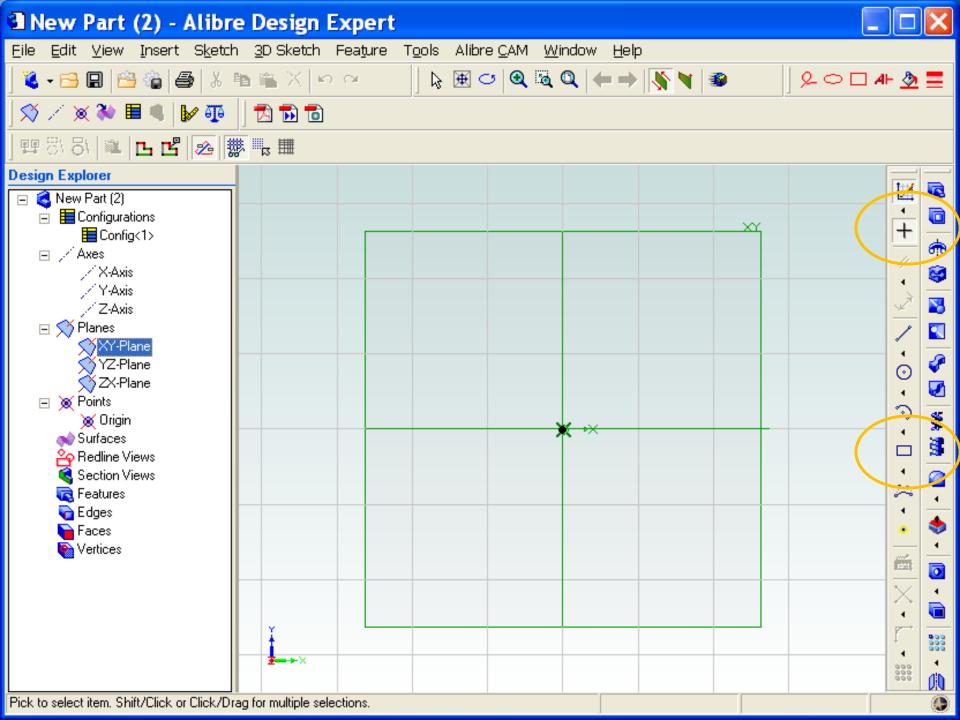
Opening Screen

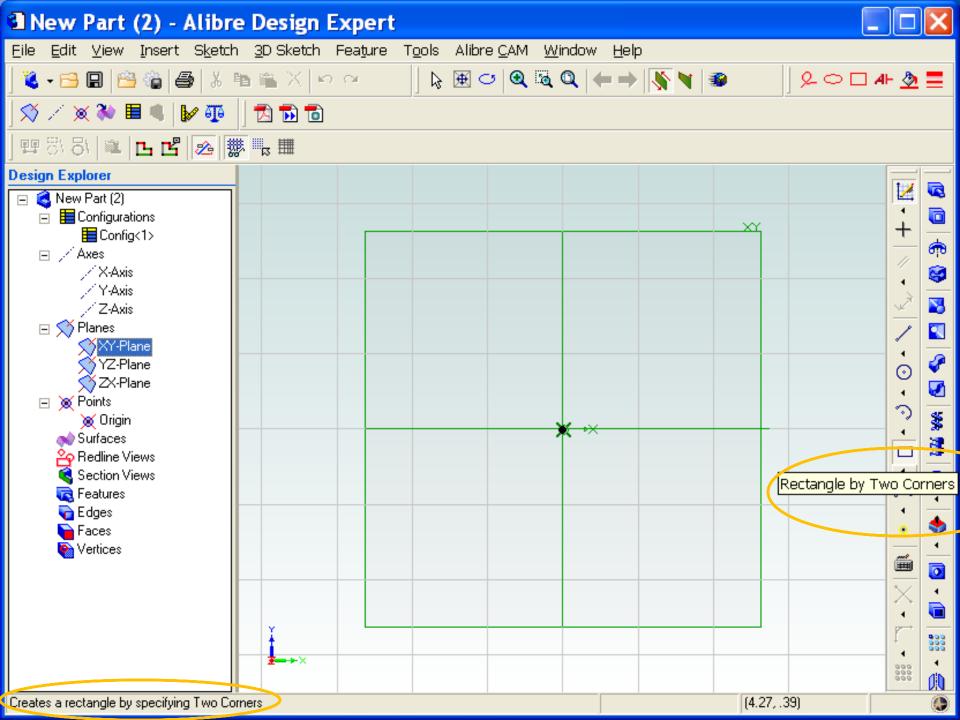


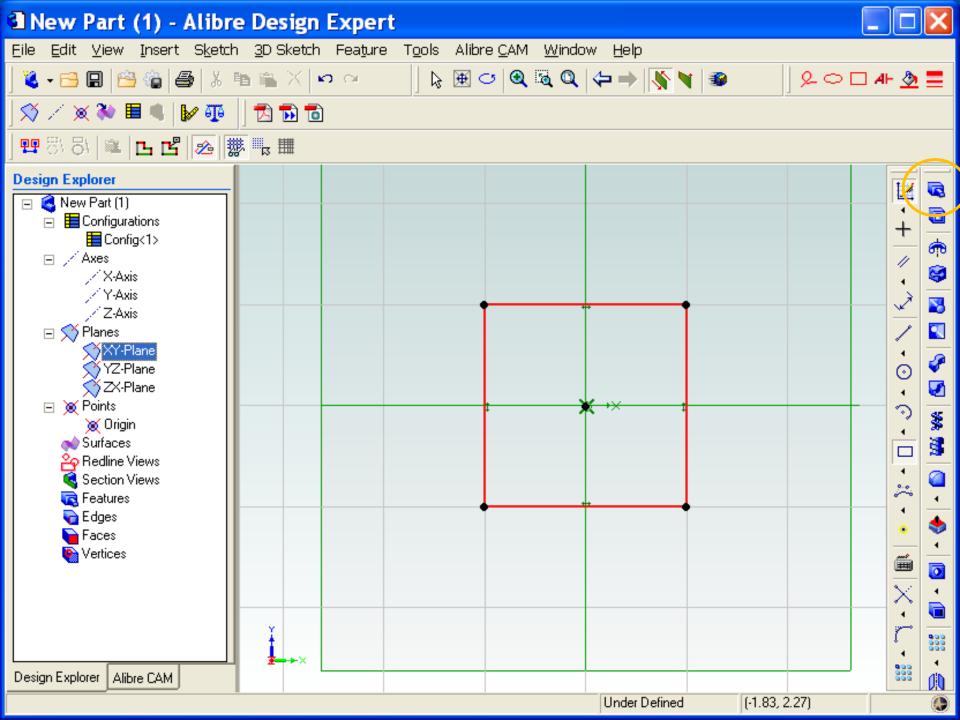


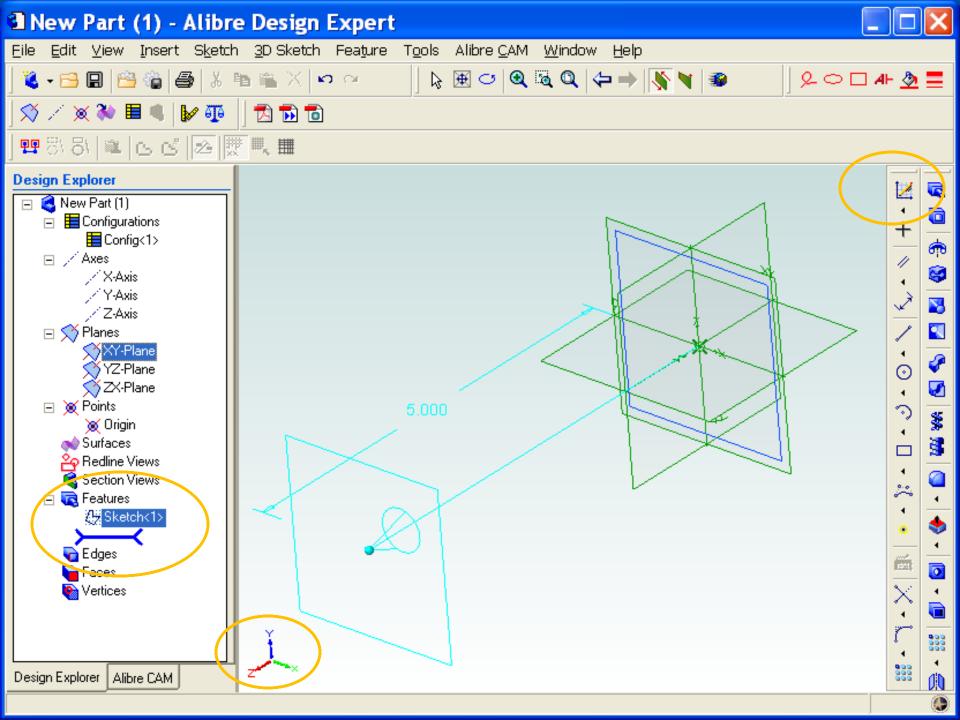




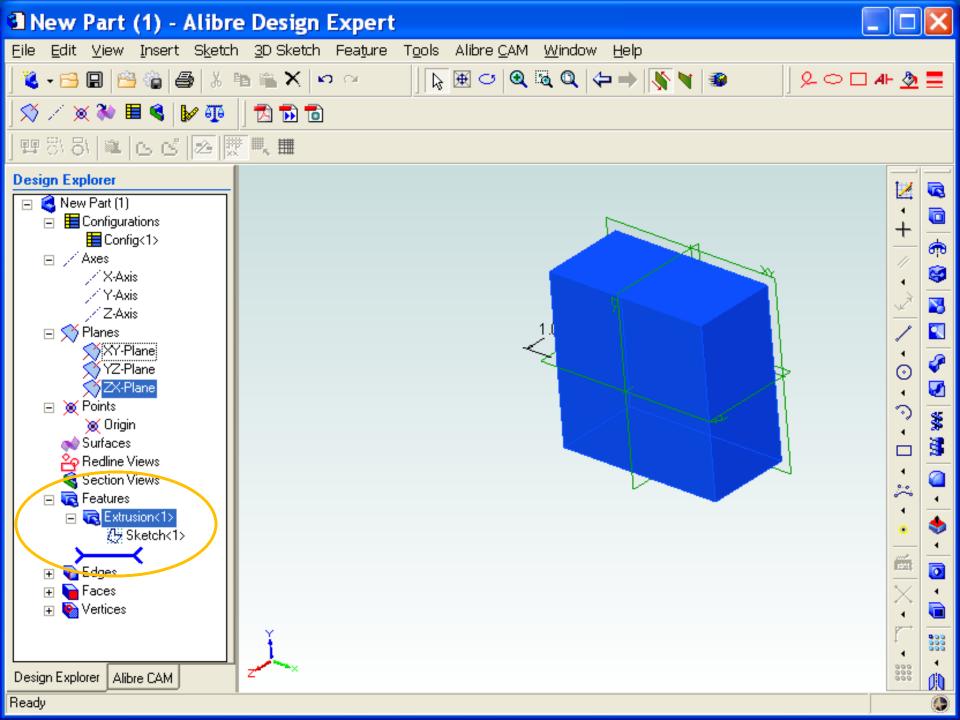


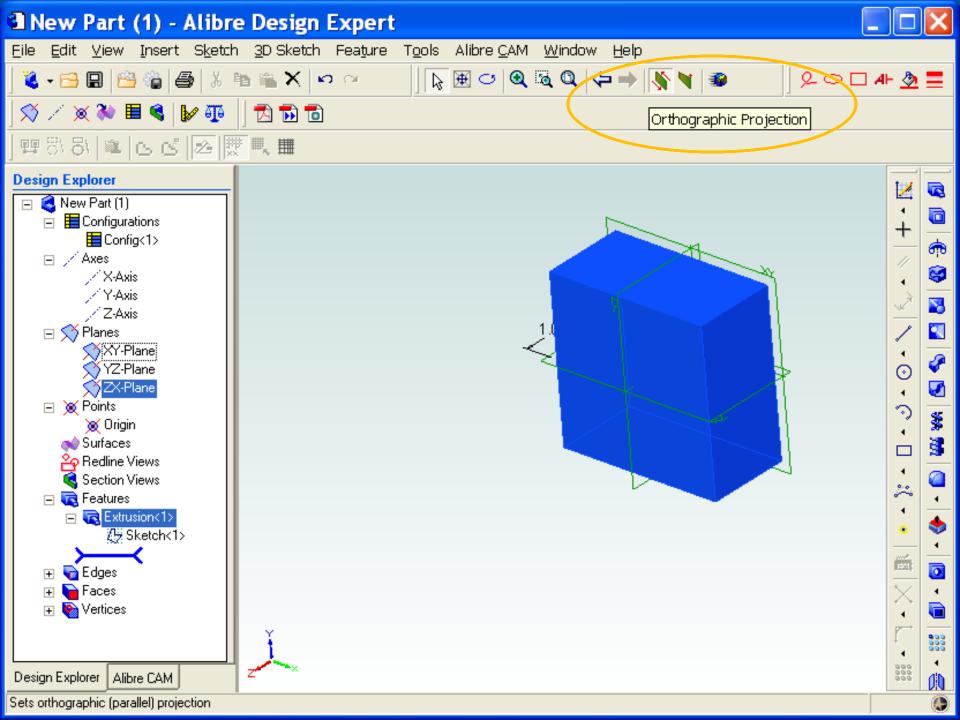


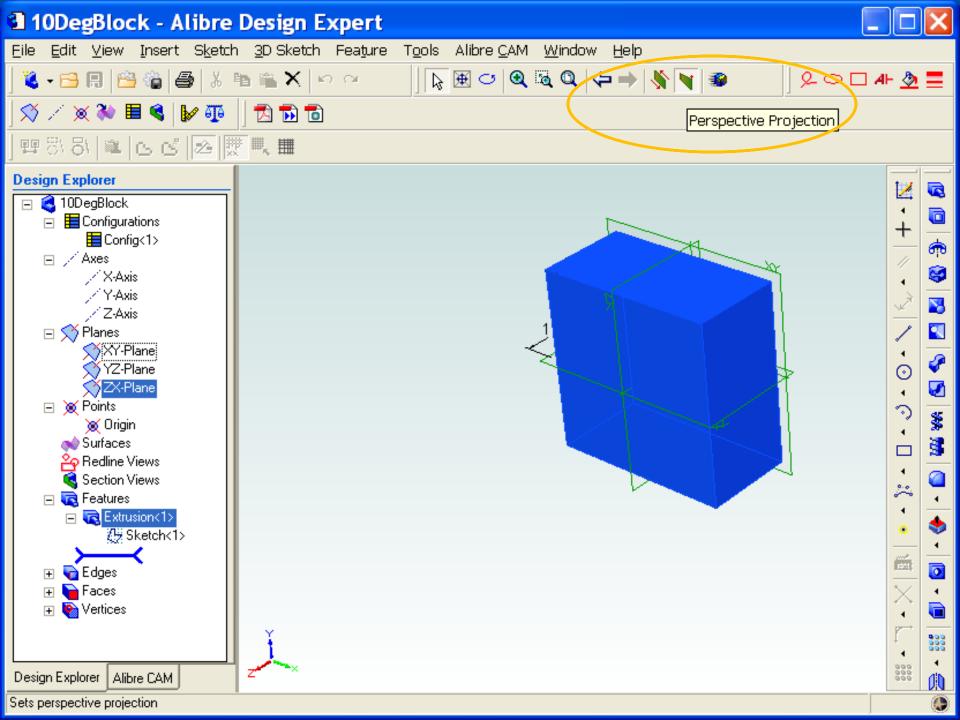


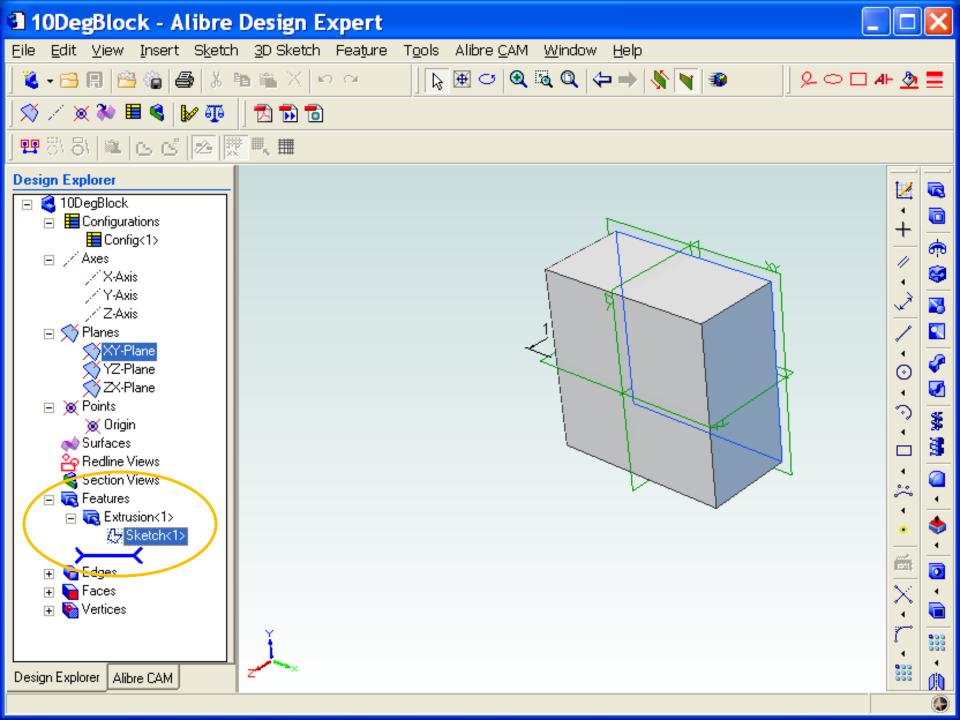


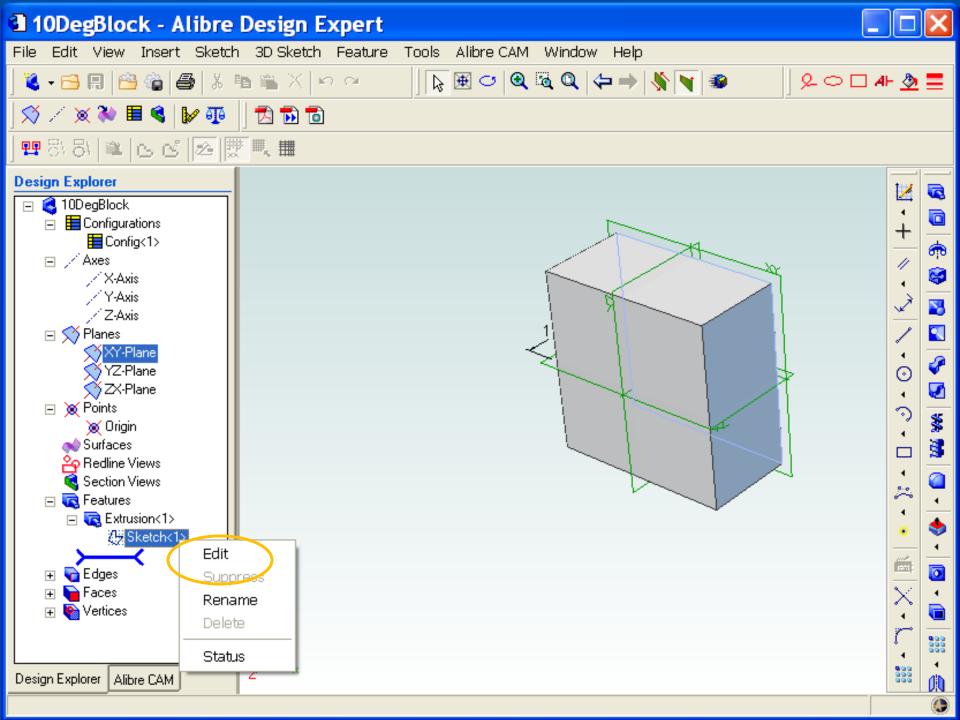
\varTheta Extrude Boss	
Sketch Sketch<1> Direction Along Normal Select Draft Angle	To Depth Depth Depth I " Depth Depth Depth I epth I ephi I ephi
Label: Extrusion<1>	
OK Cancel 🕡	

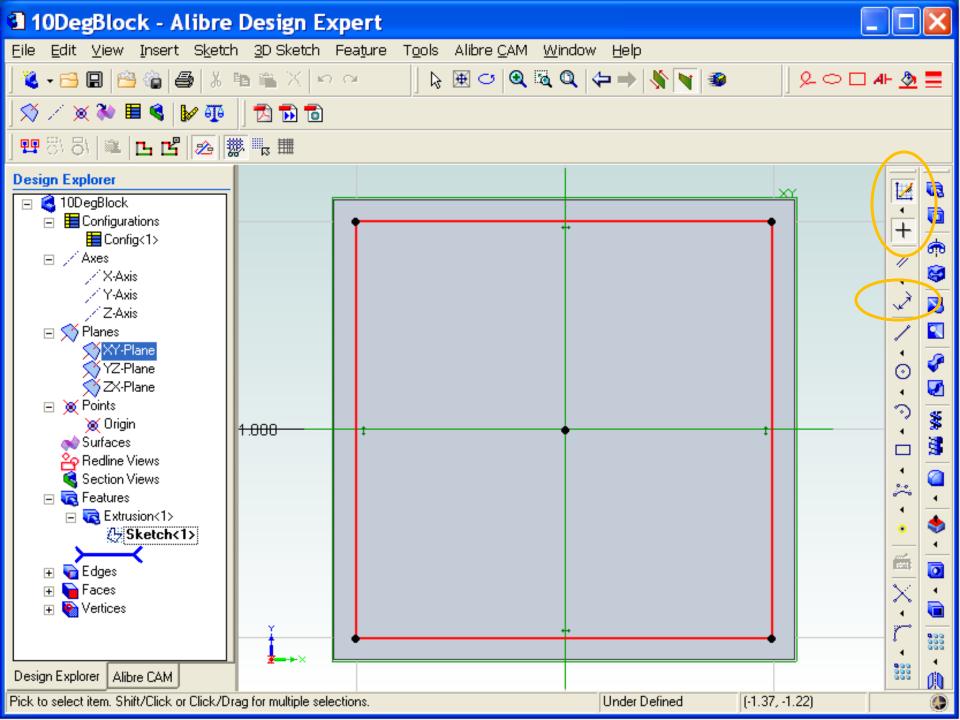


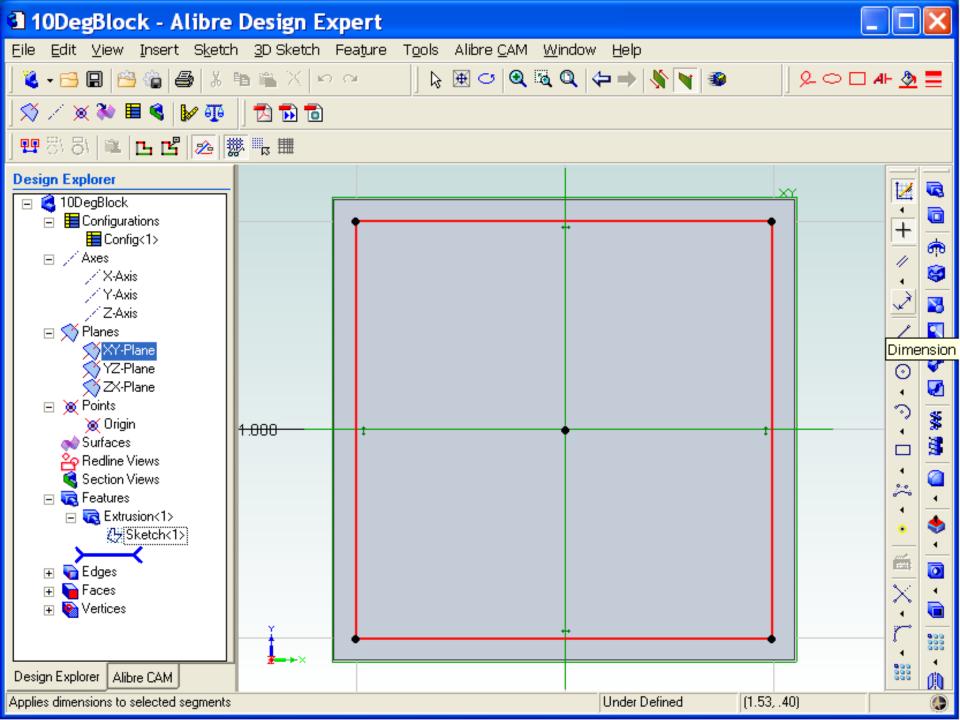


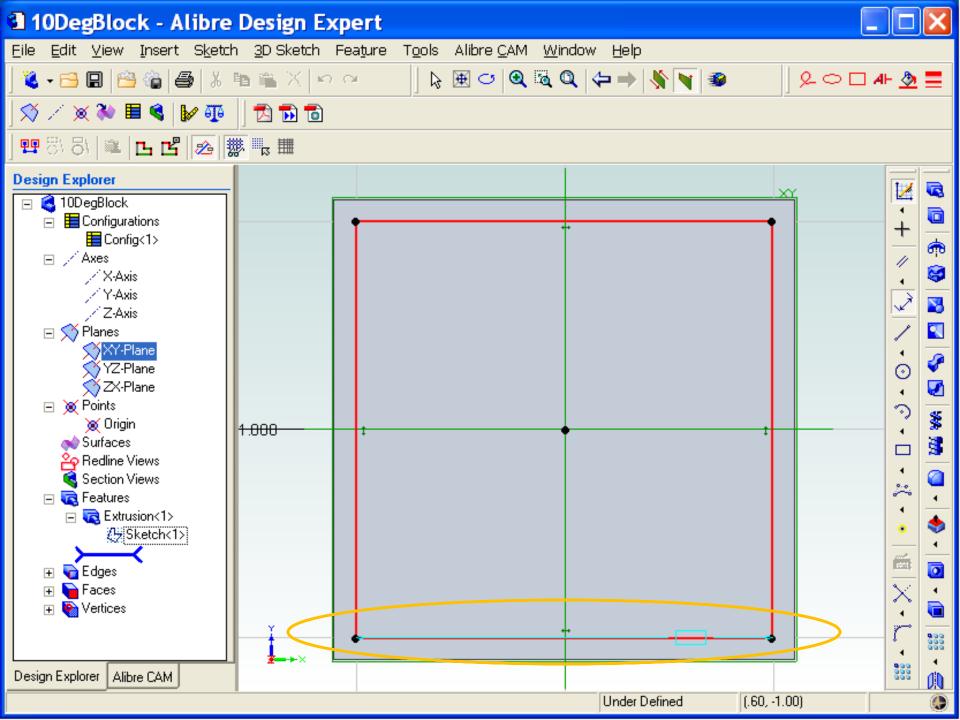


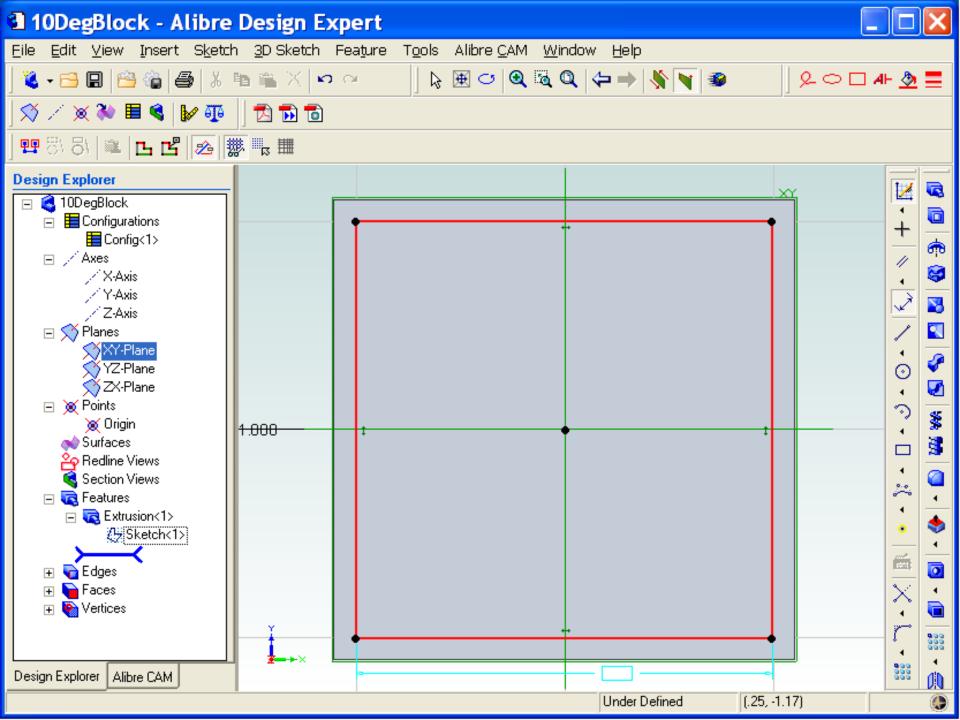


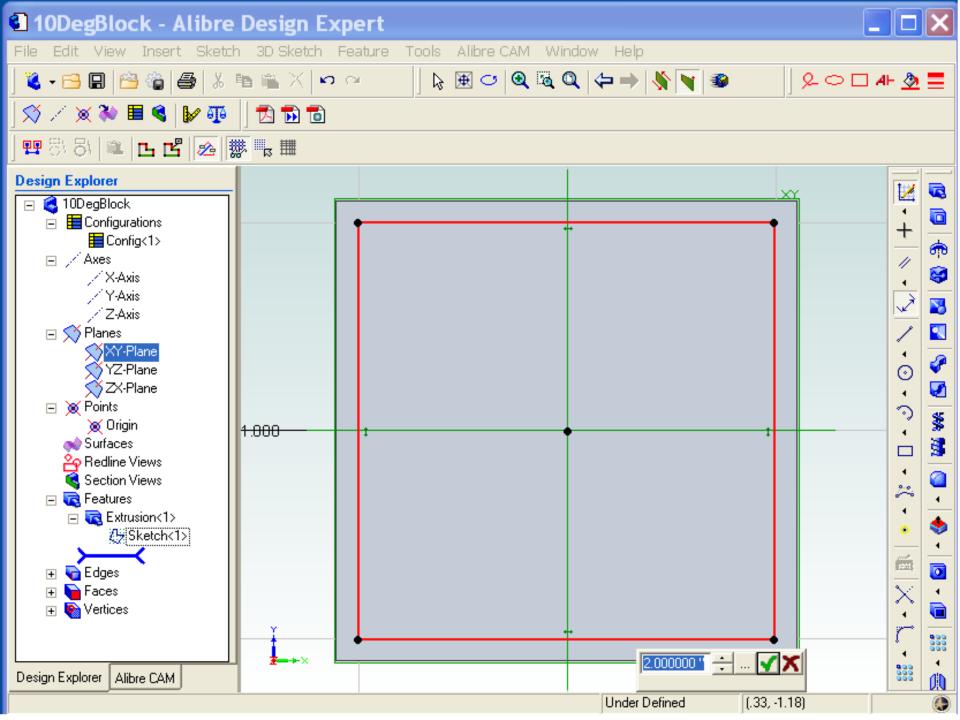


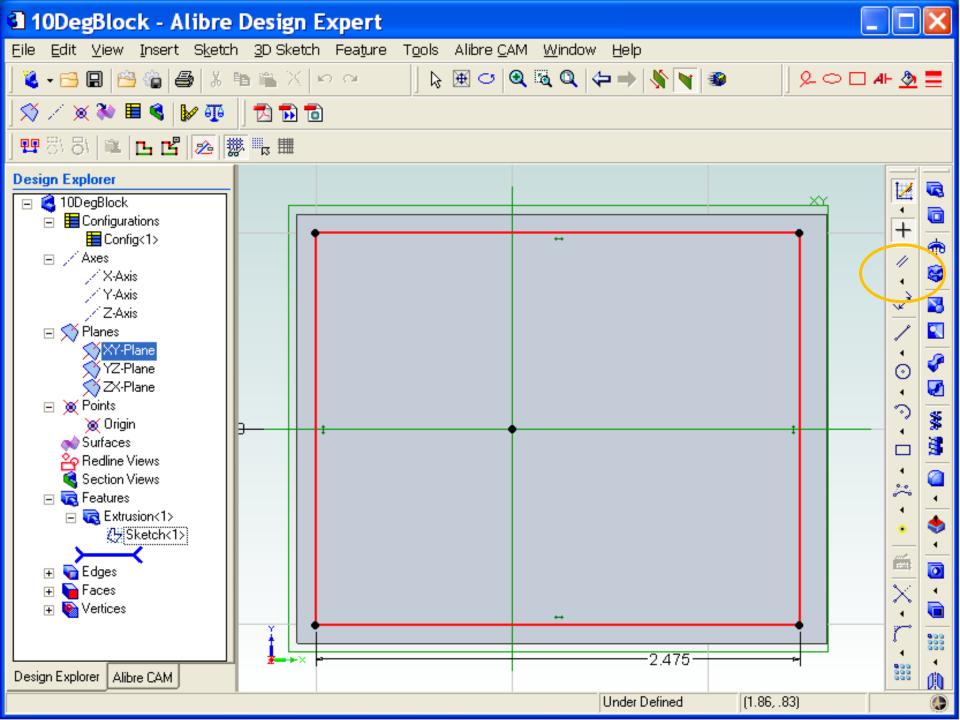


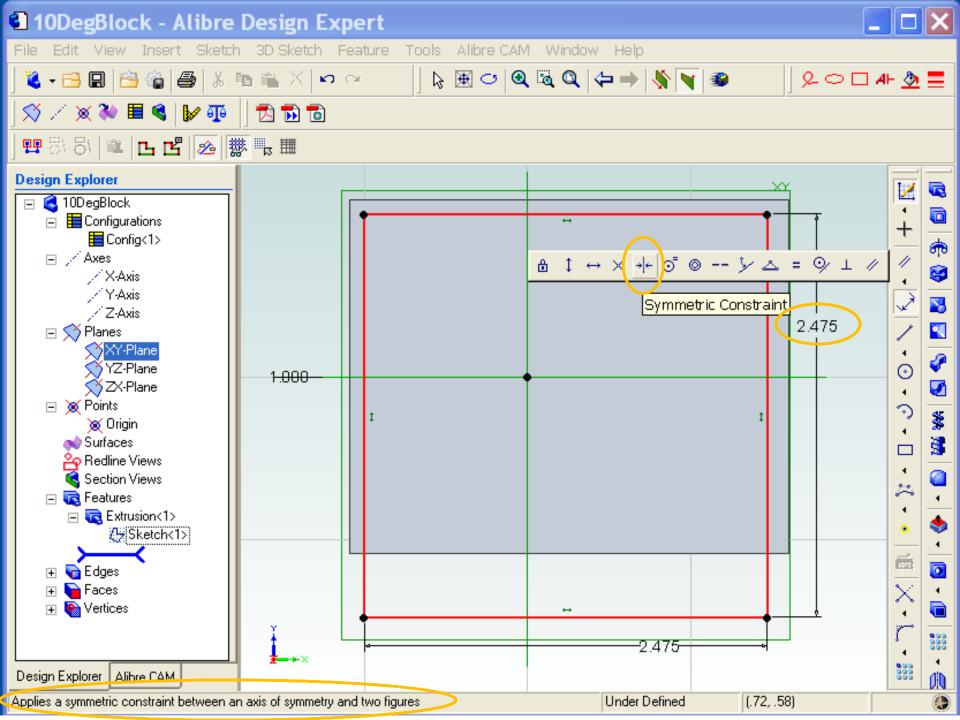


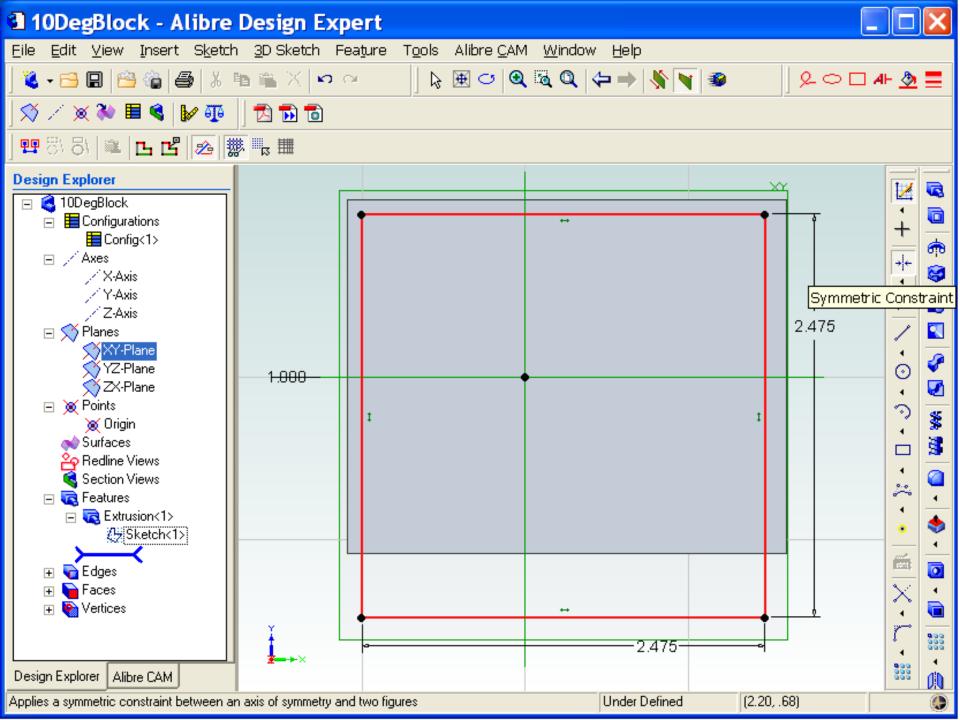


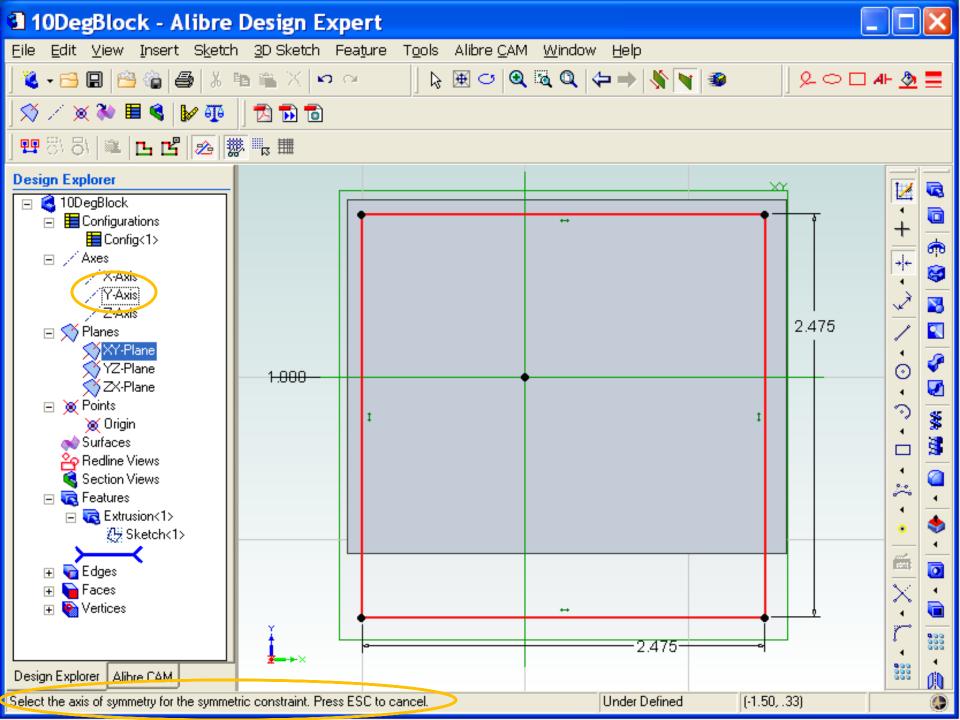


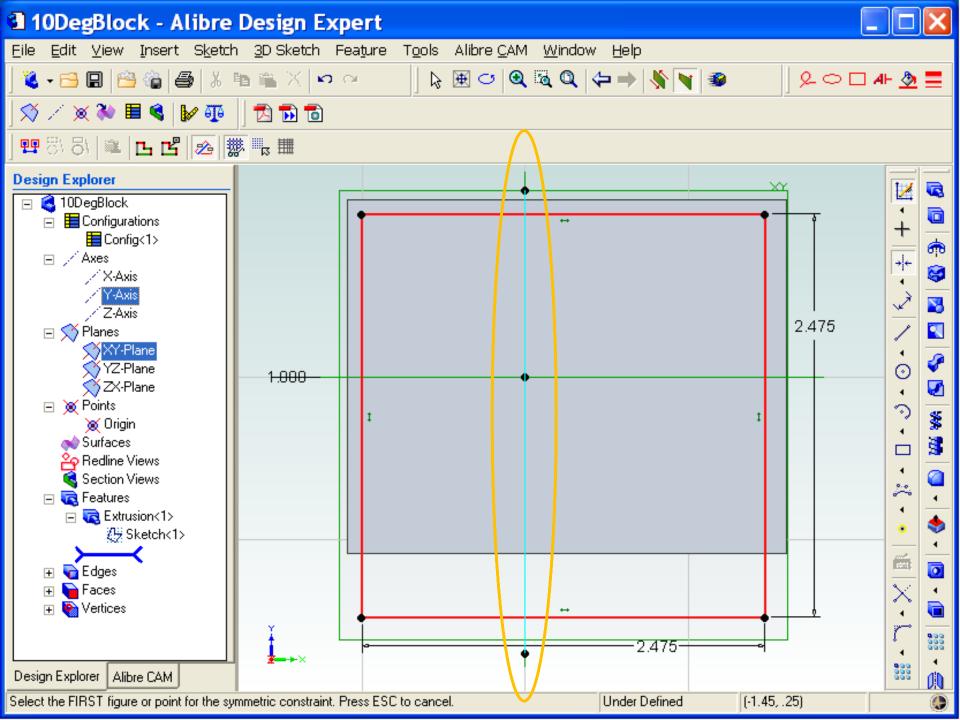


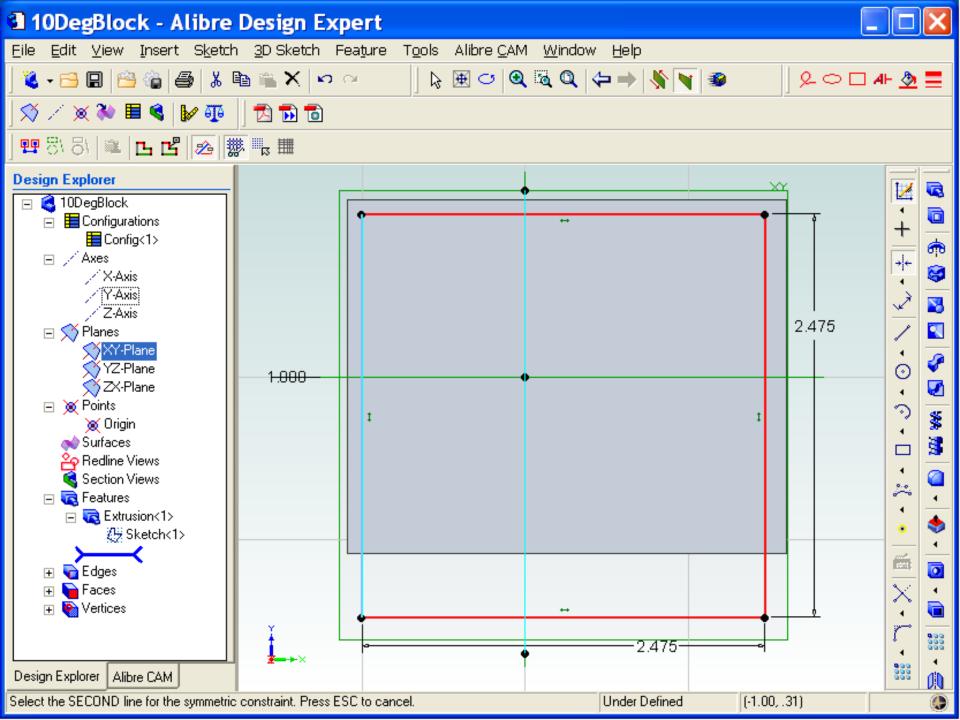


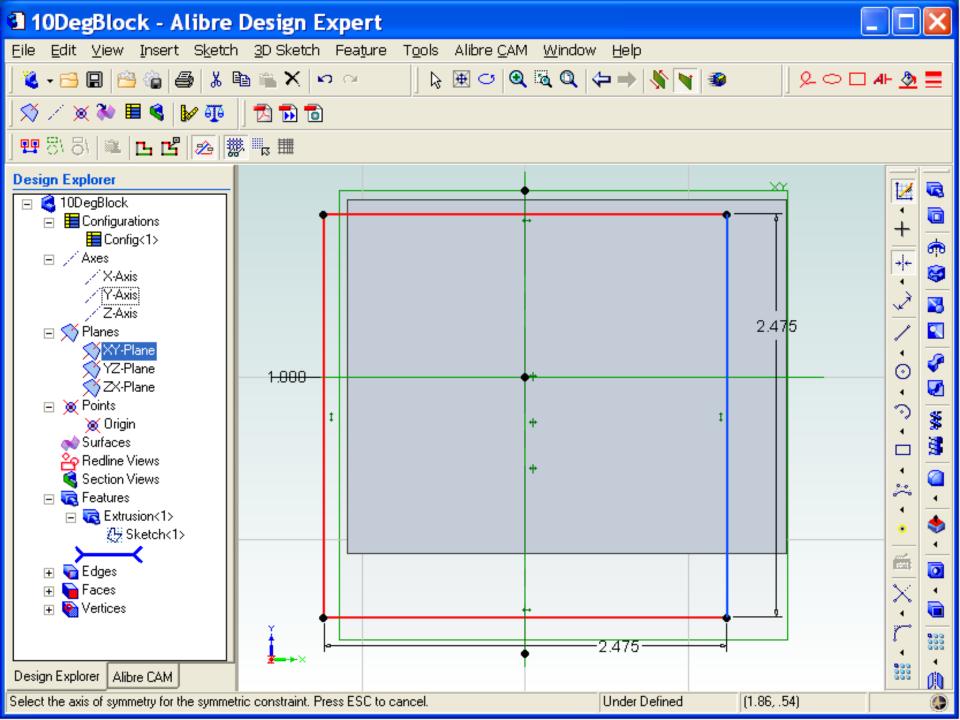


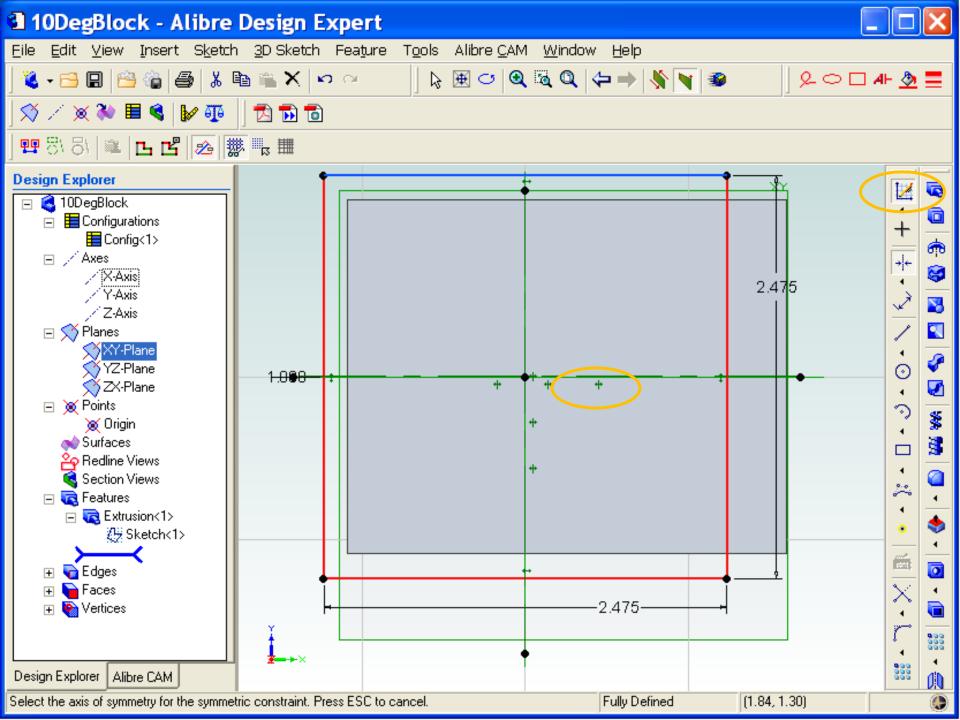


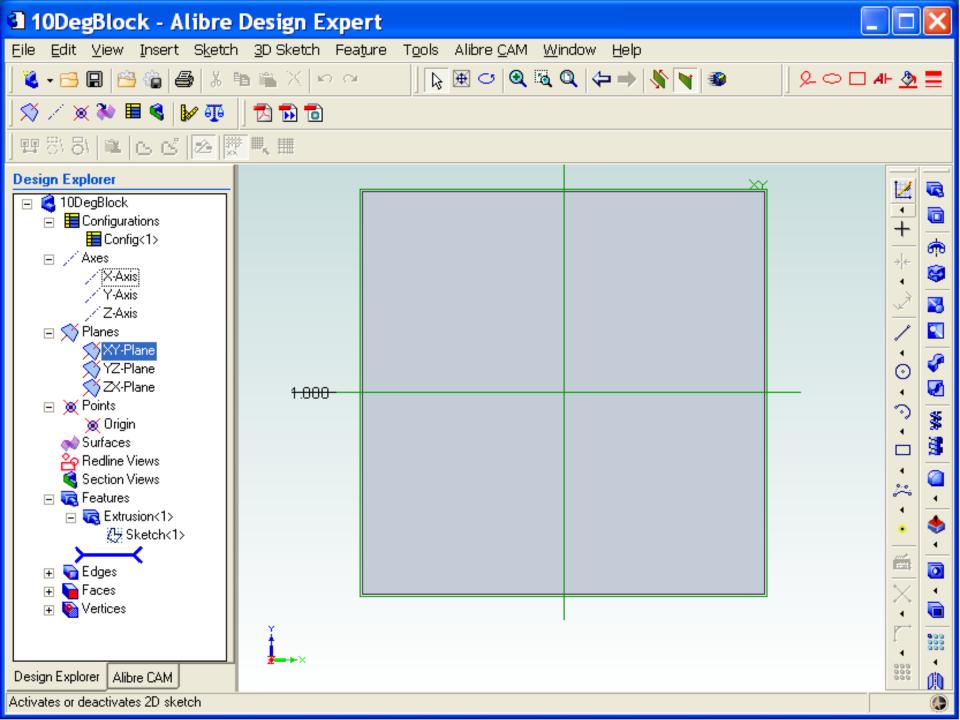


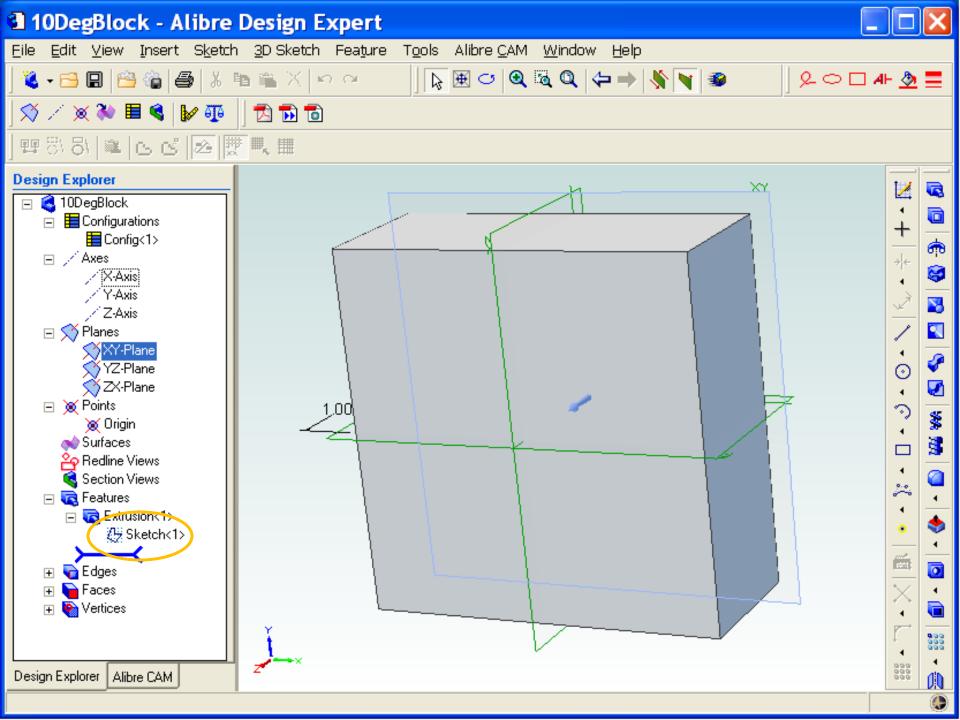


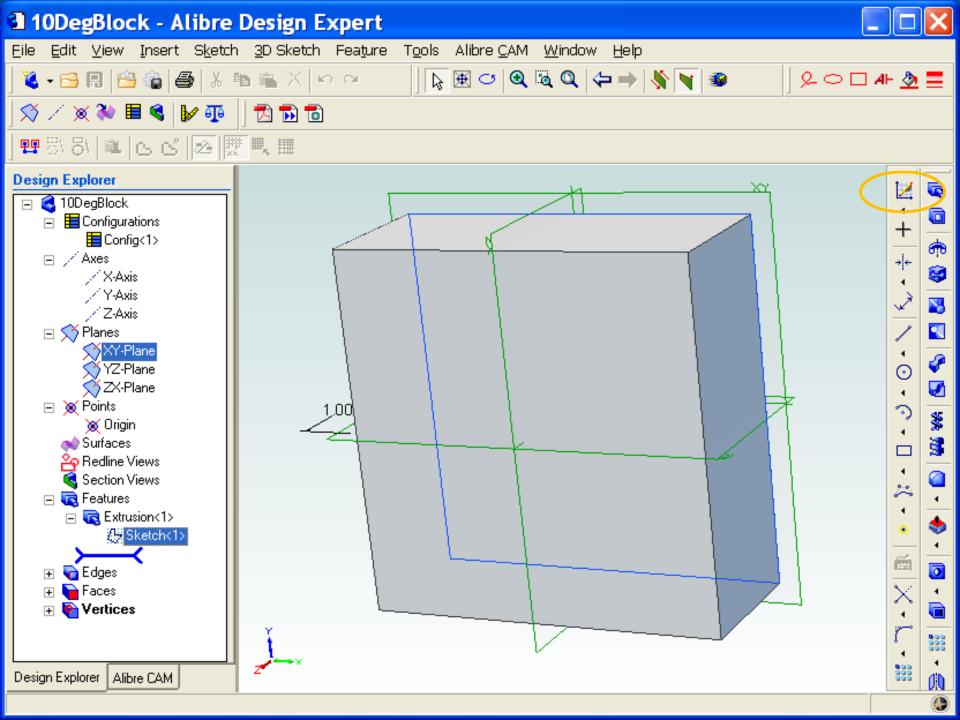


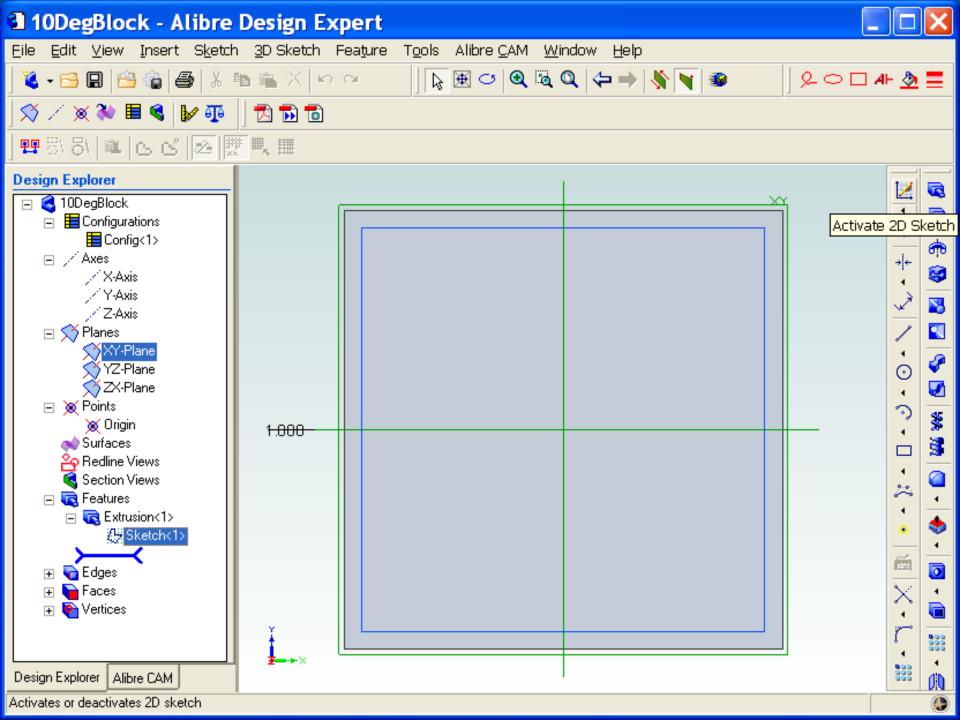














Edit Sketch



Would you like to: Edit Sketch<1> Create Sketch<2>

Show this message next time.





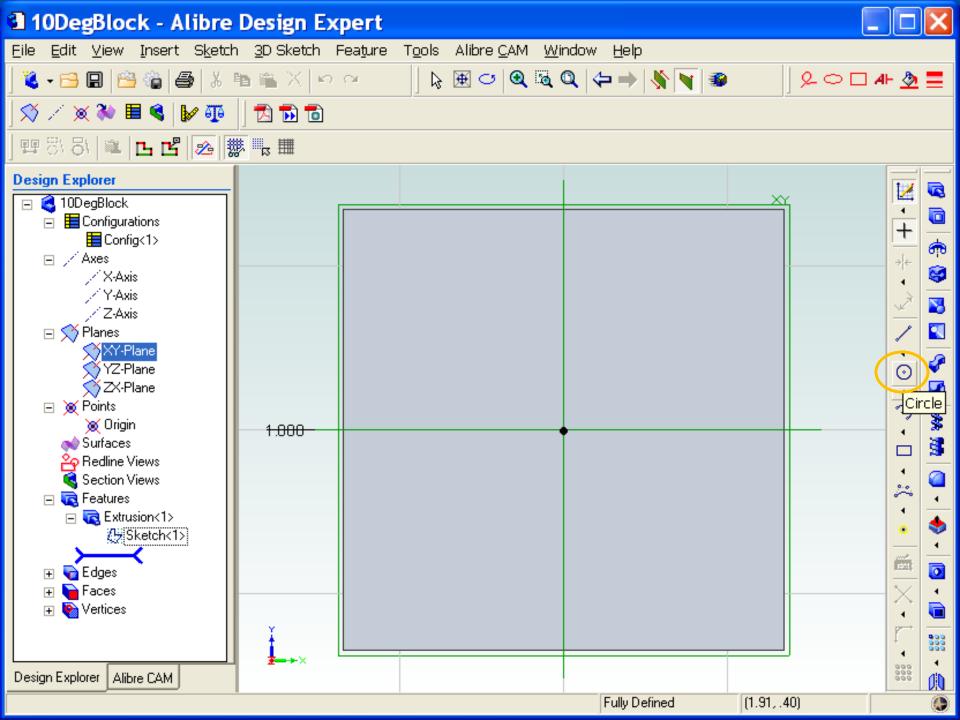
Edit Sketch

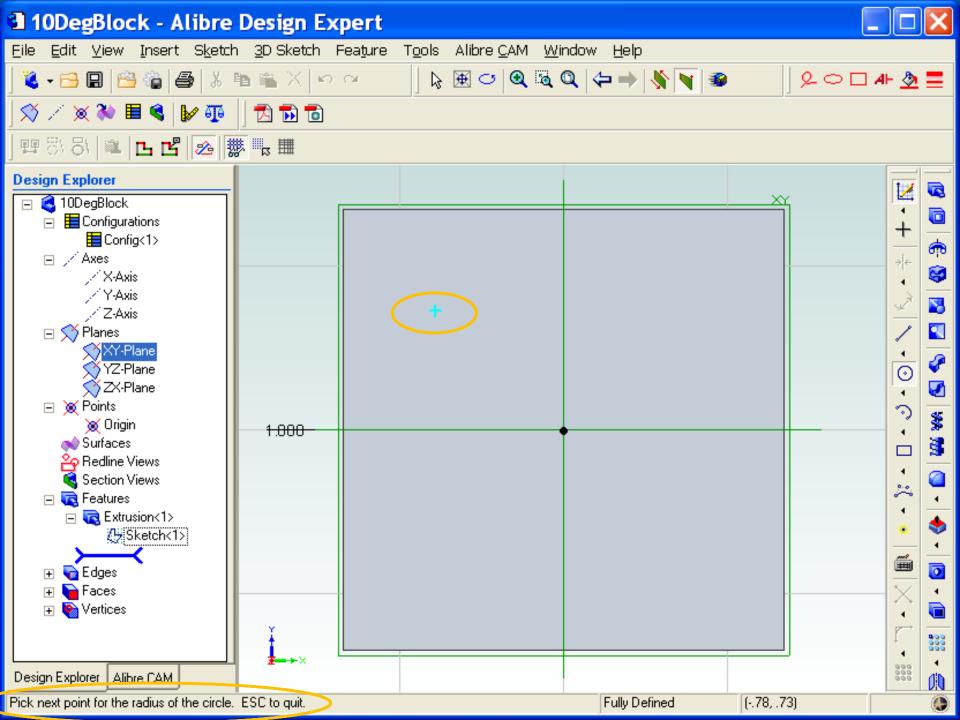


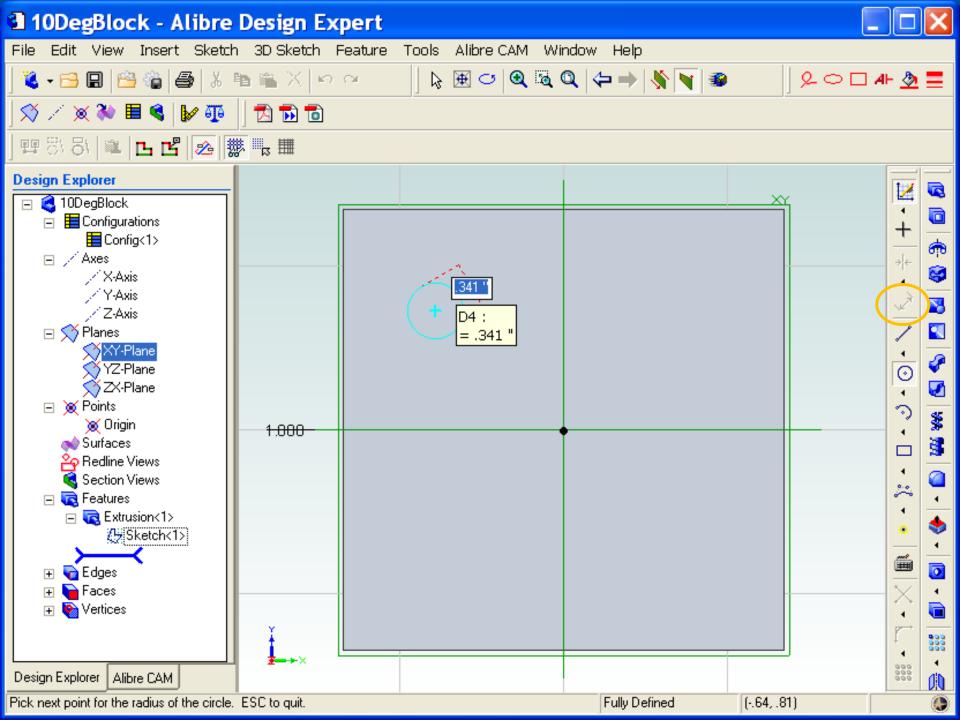
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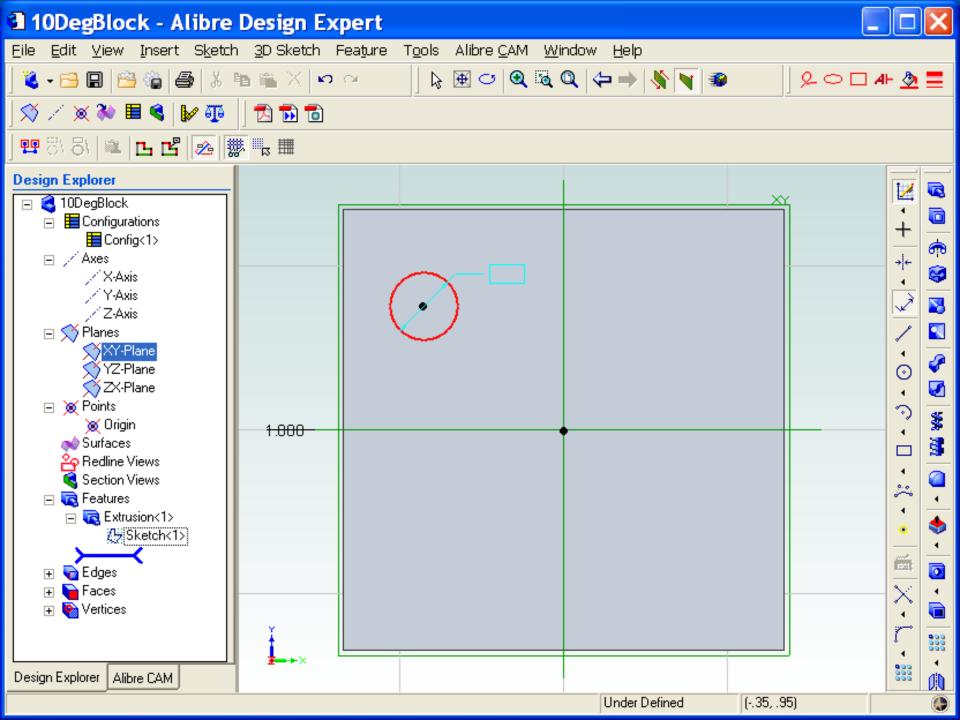
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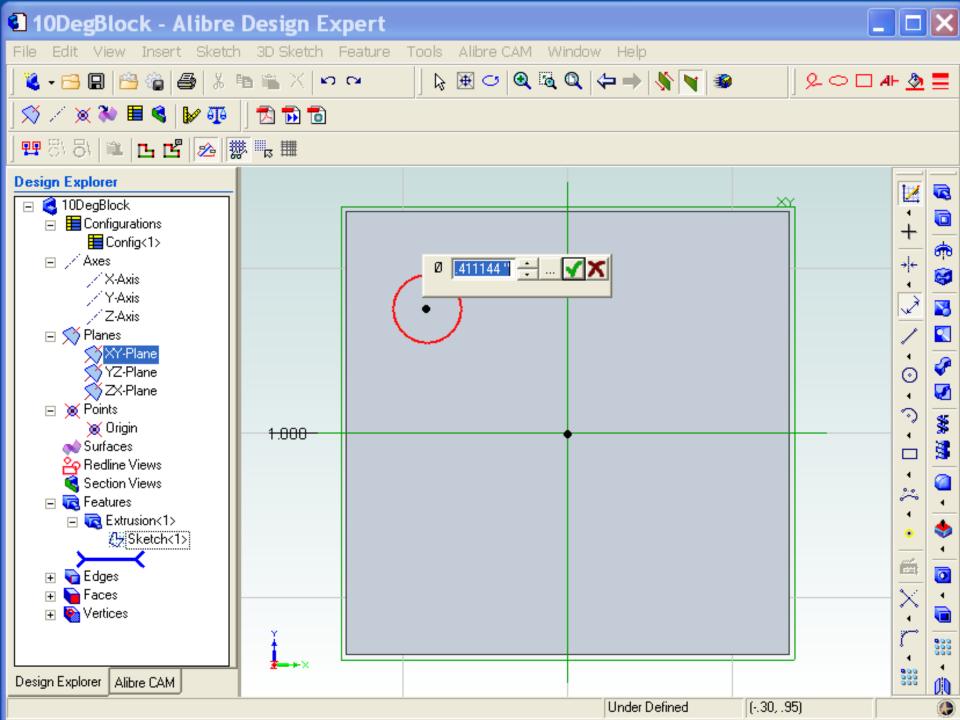


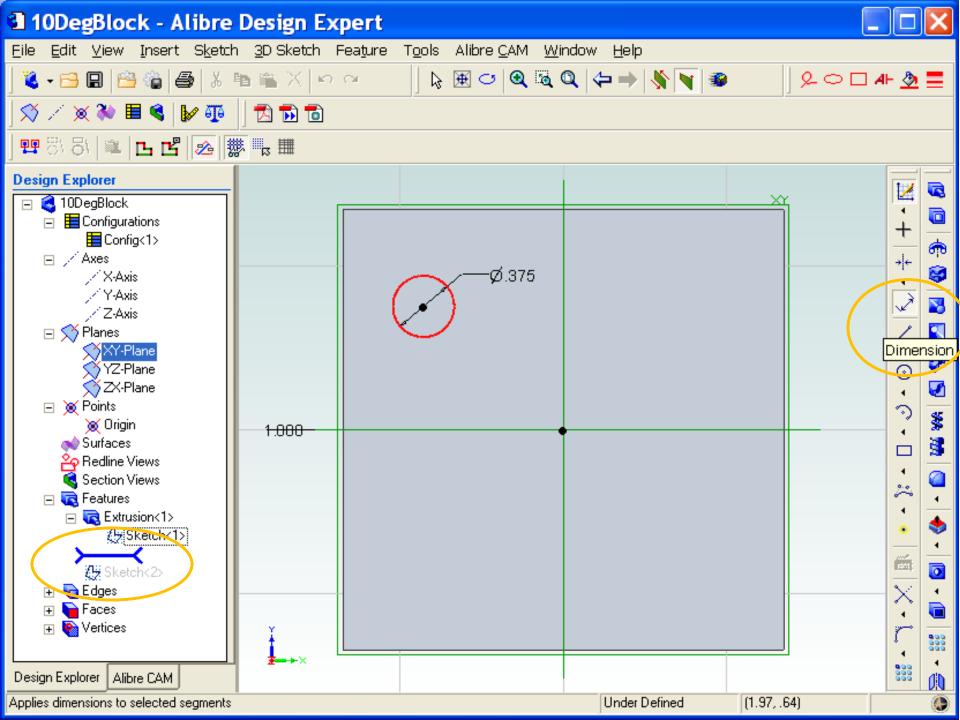


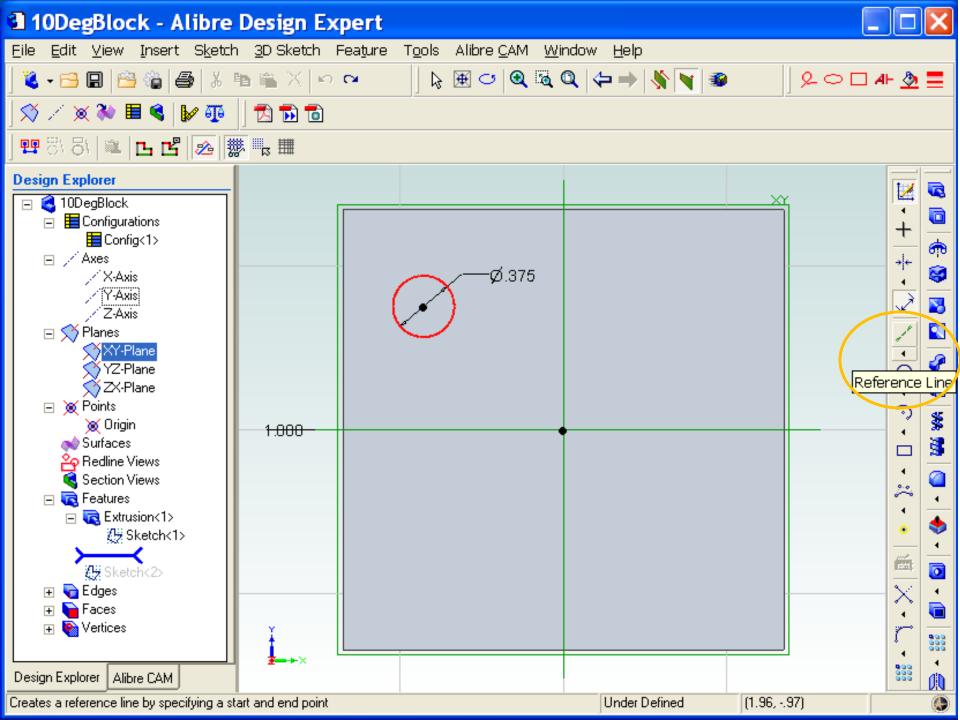


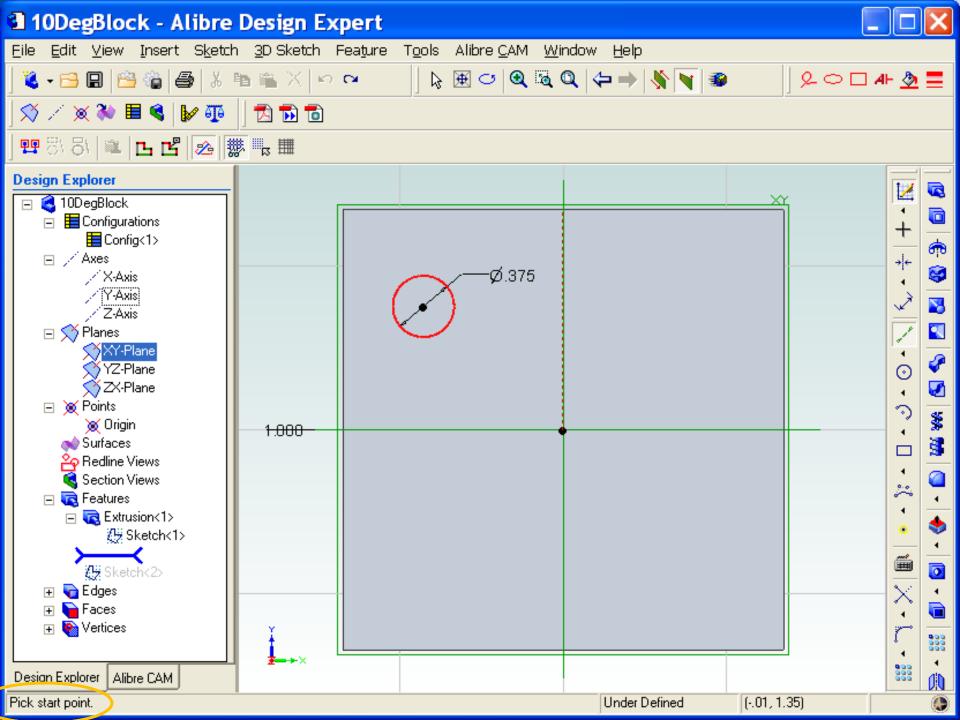


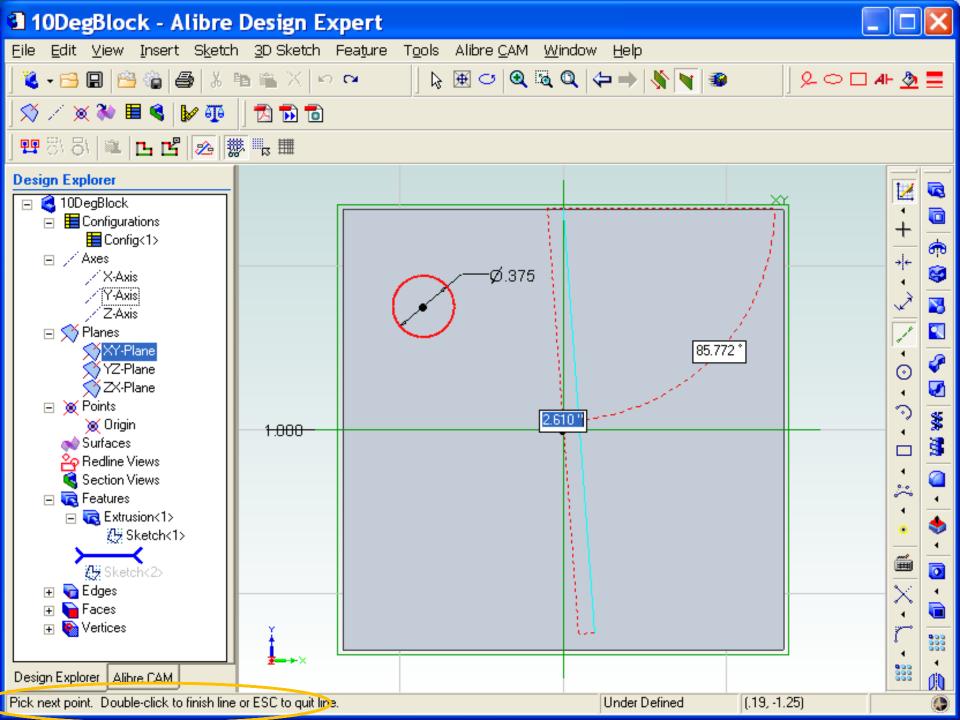


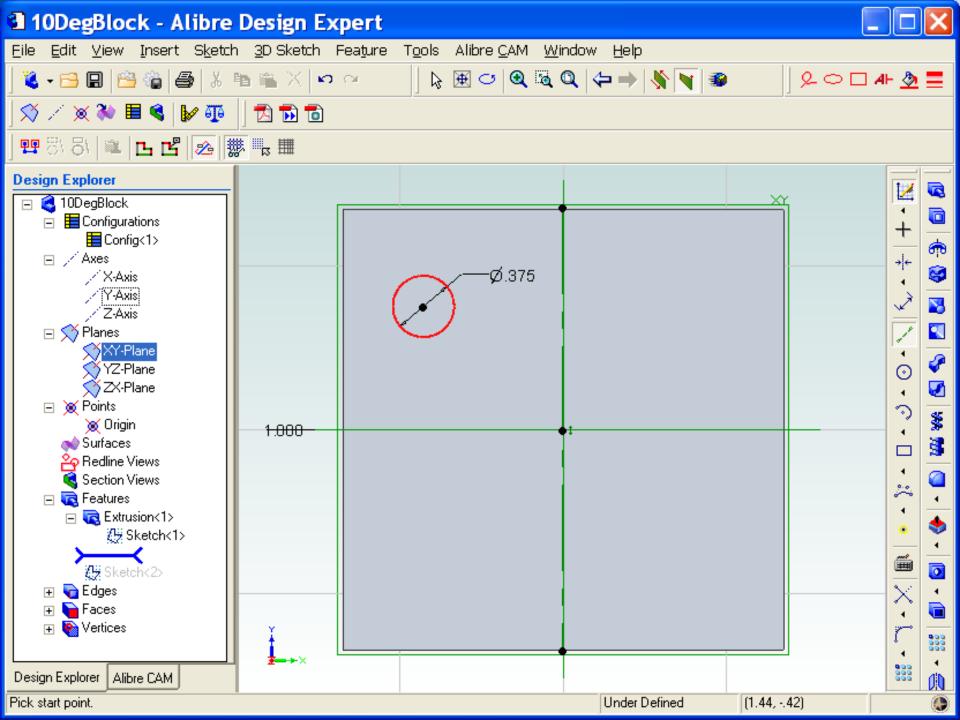


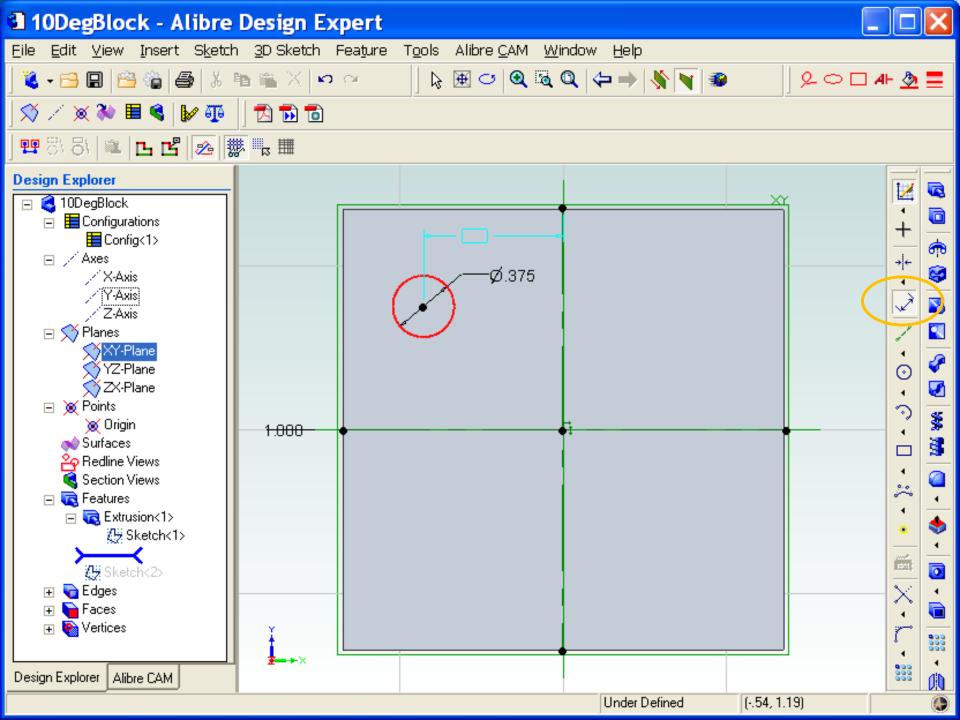


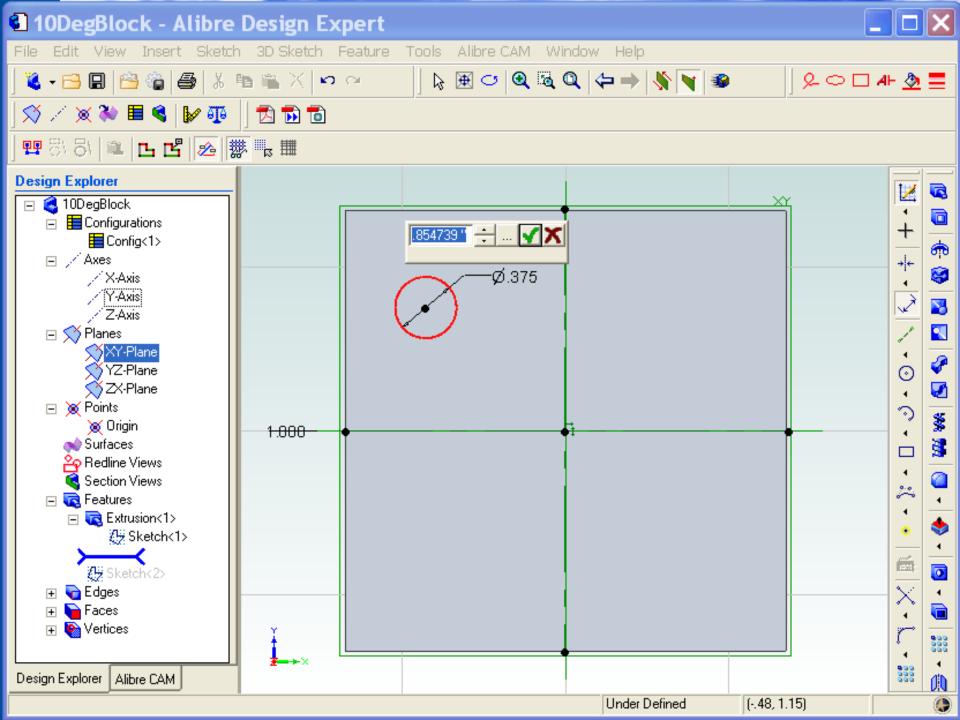


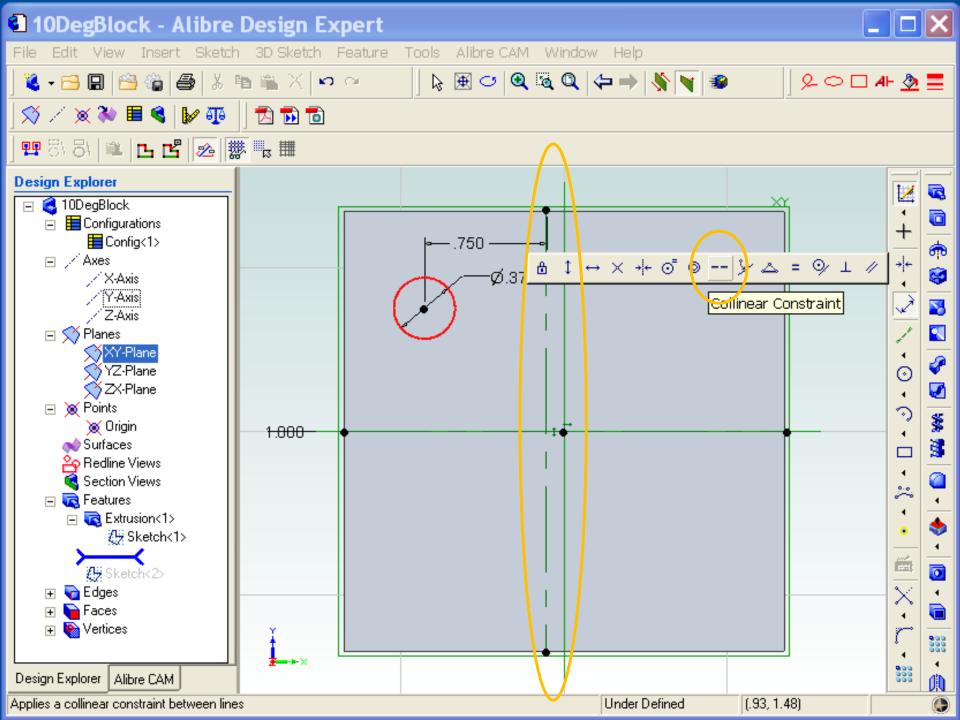


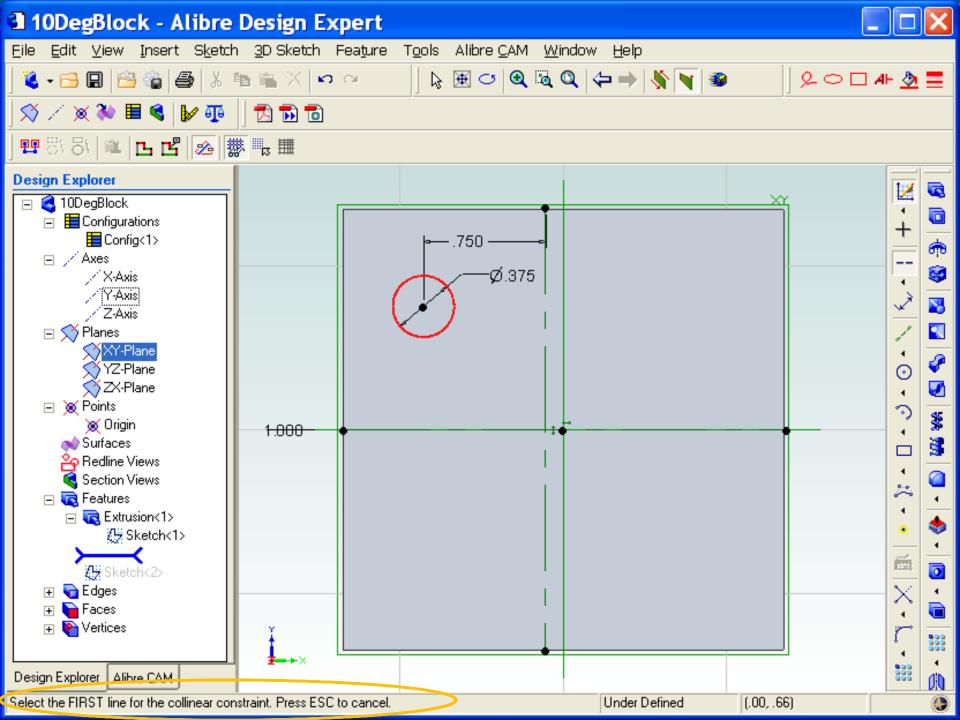


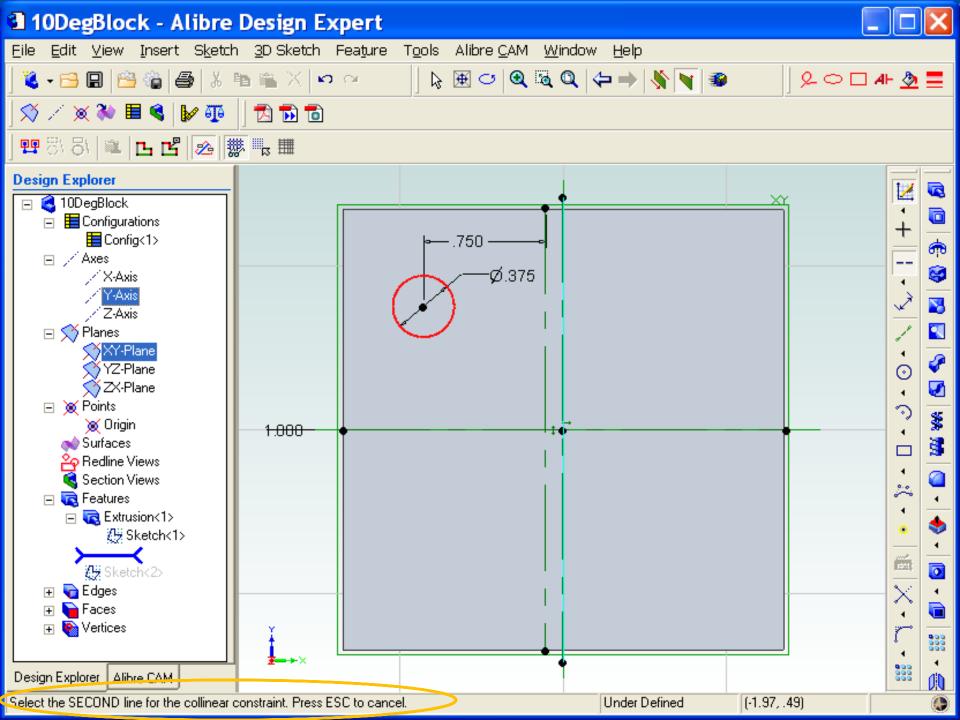


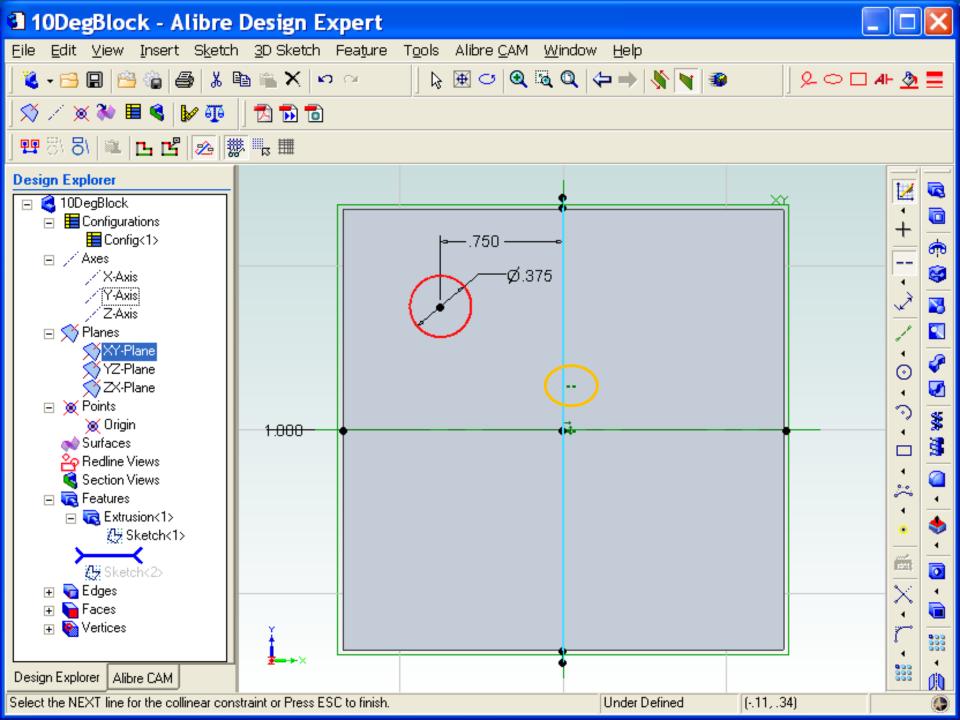


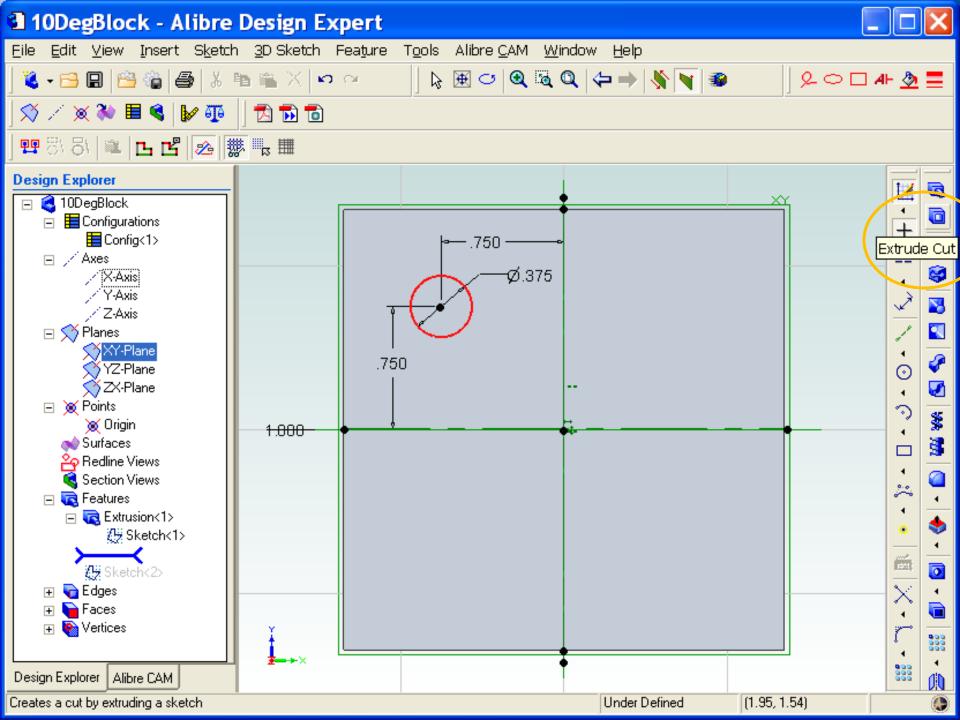


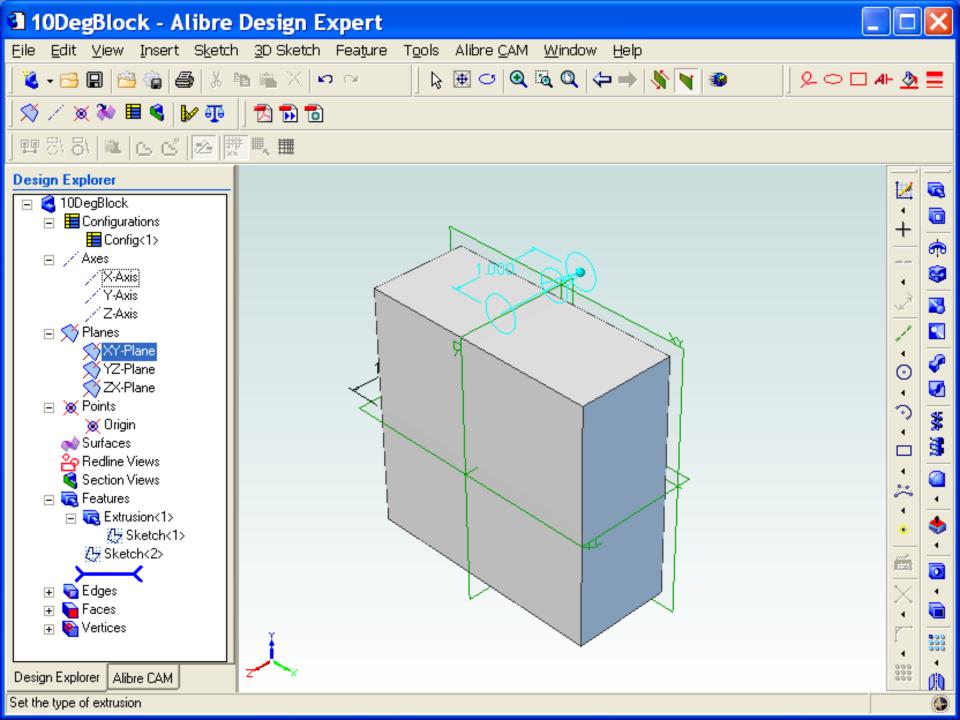






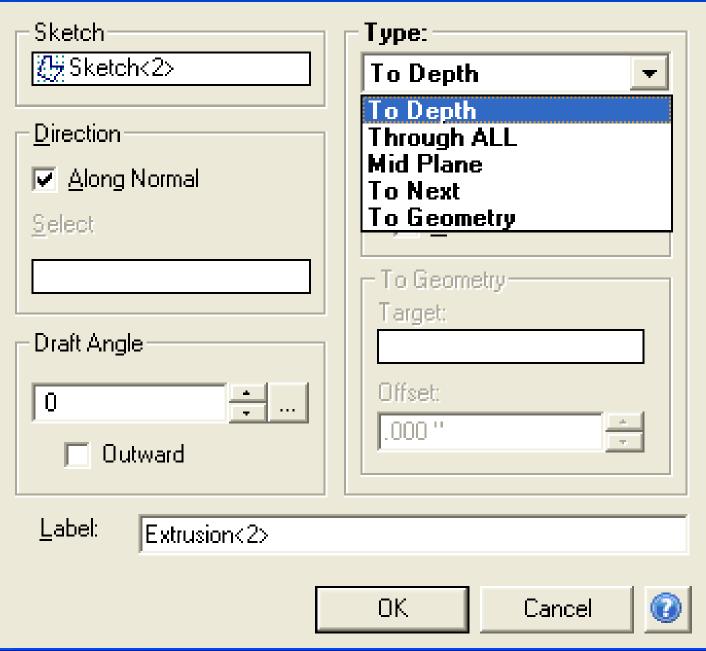


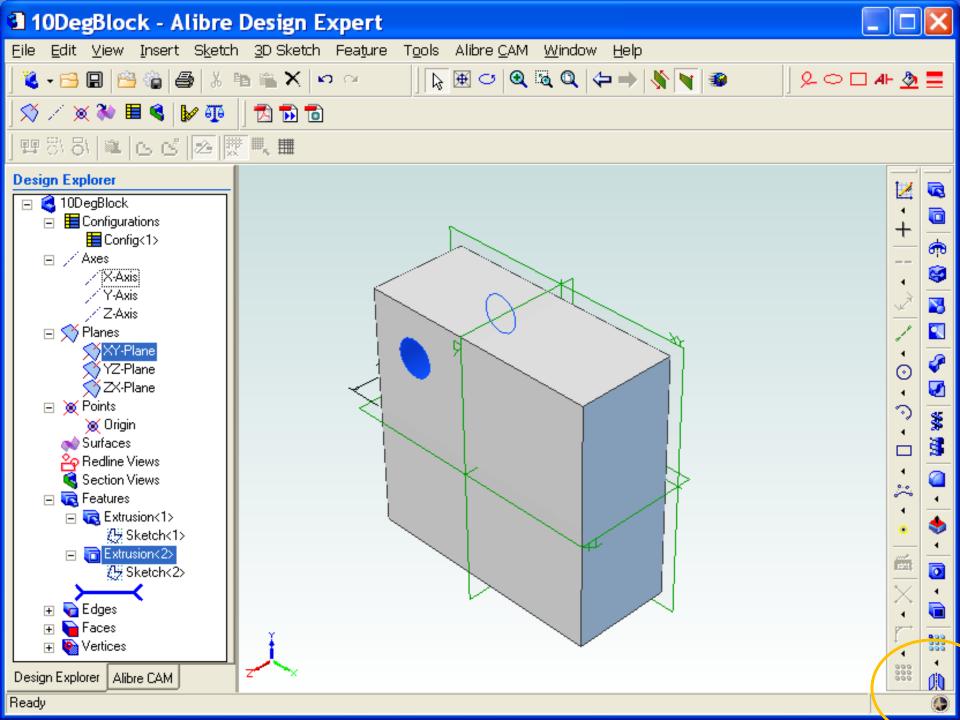


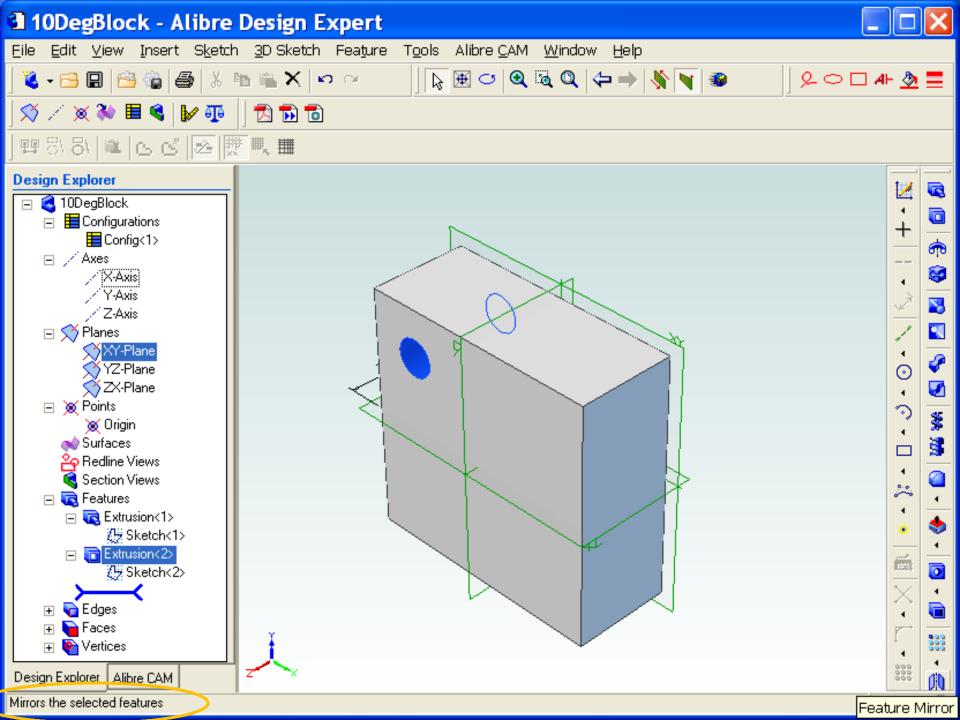


Θ Extrude Cut







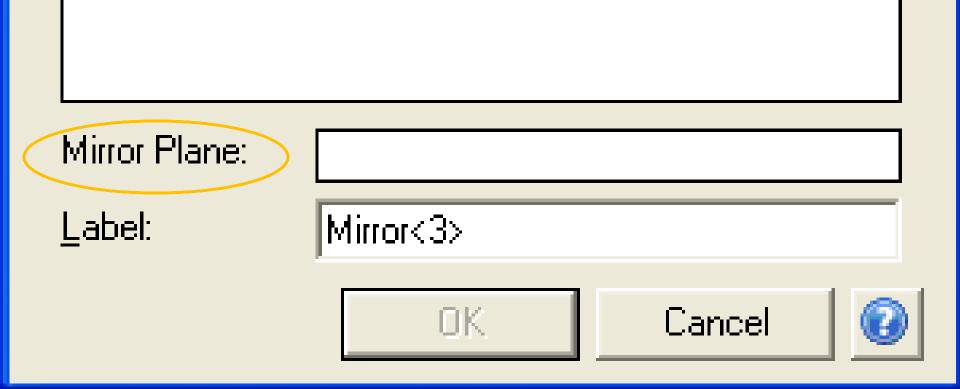




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Features to Mirror:

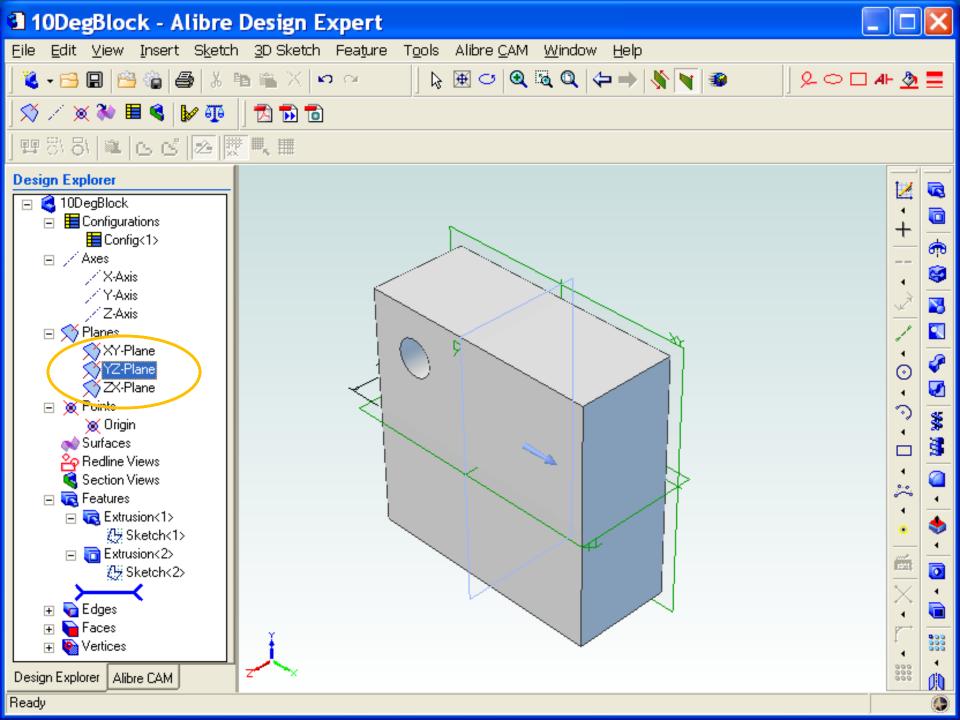
Mirror Geometry





Mirror Geometry







×

Features to Mirror:





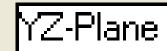




Mirror Geometry

Mirror Plane:

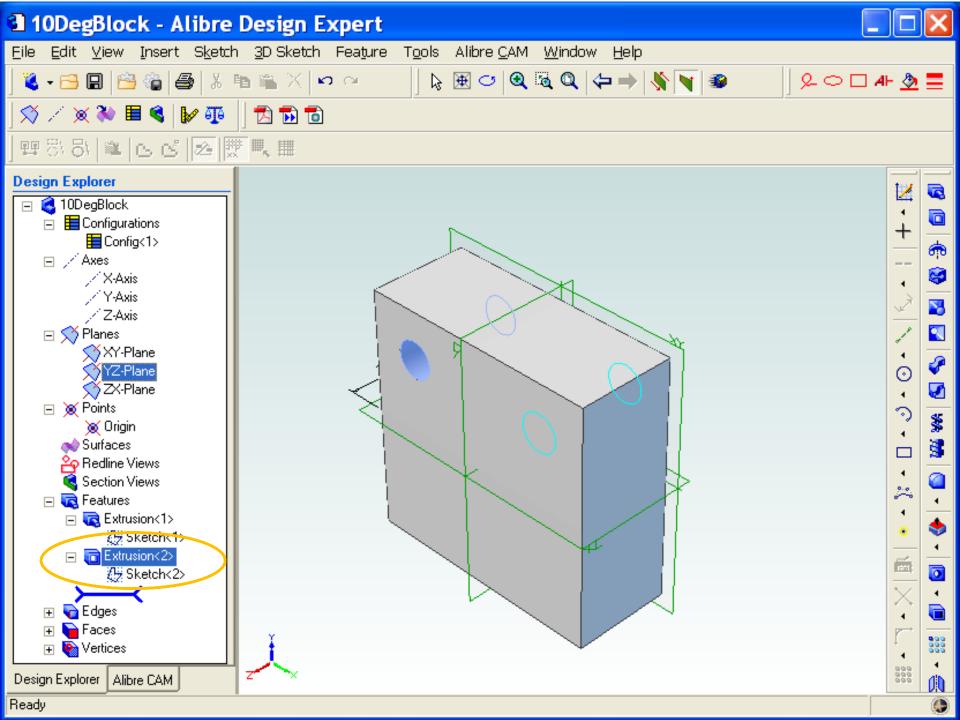
Label:













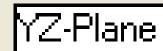


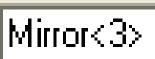
Extrusion<2>

Mirror Geometry

Mirror Plane:

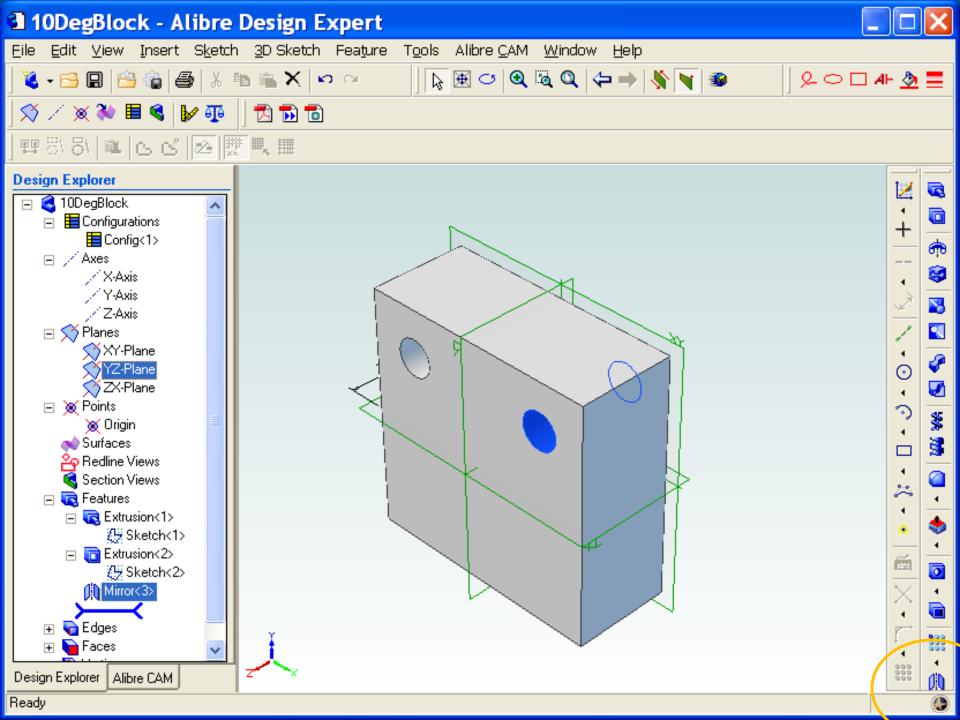
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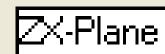


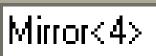


Extrusion<2> Mirror<3>

Mirror Plane:

Label:

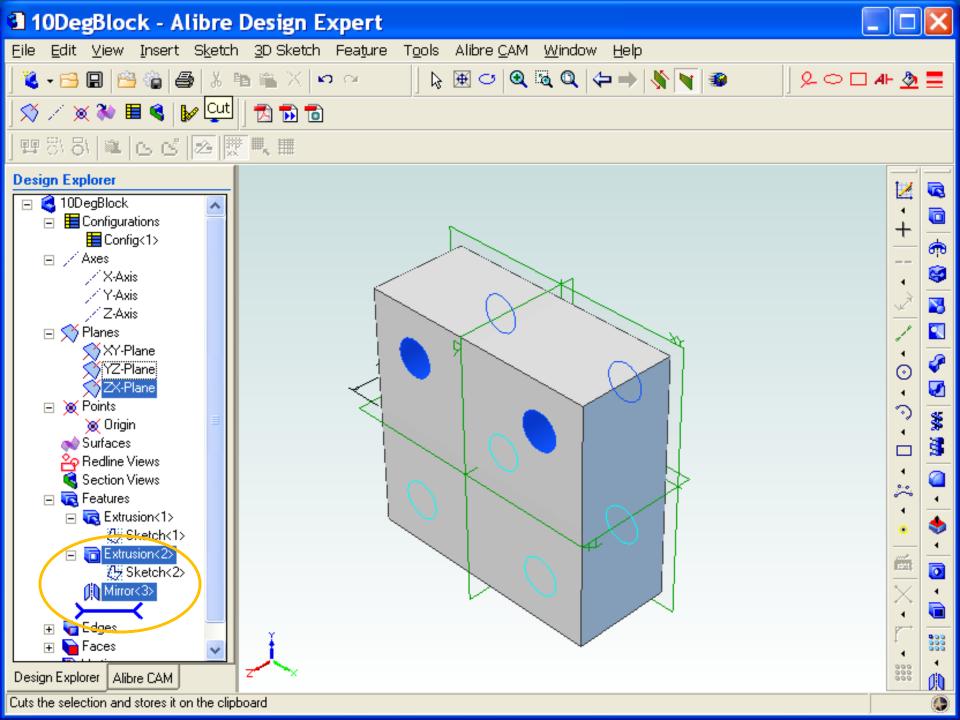


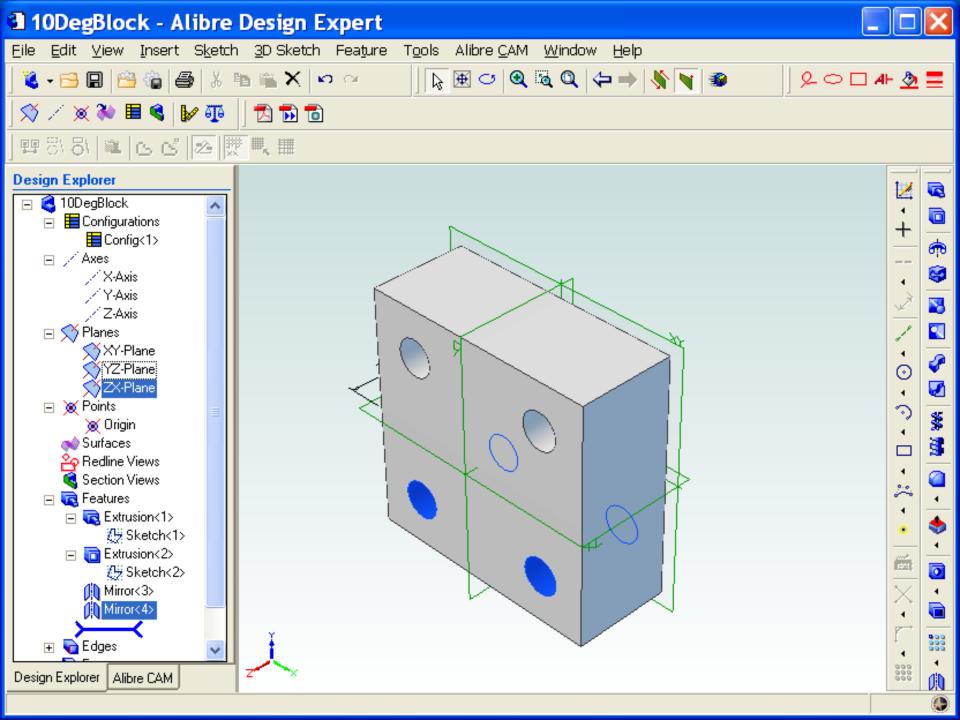


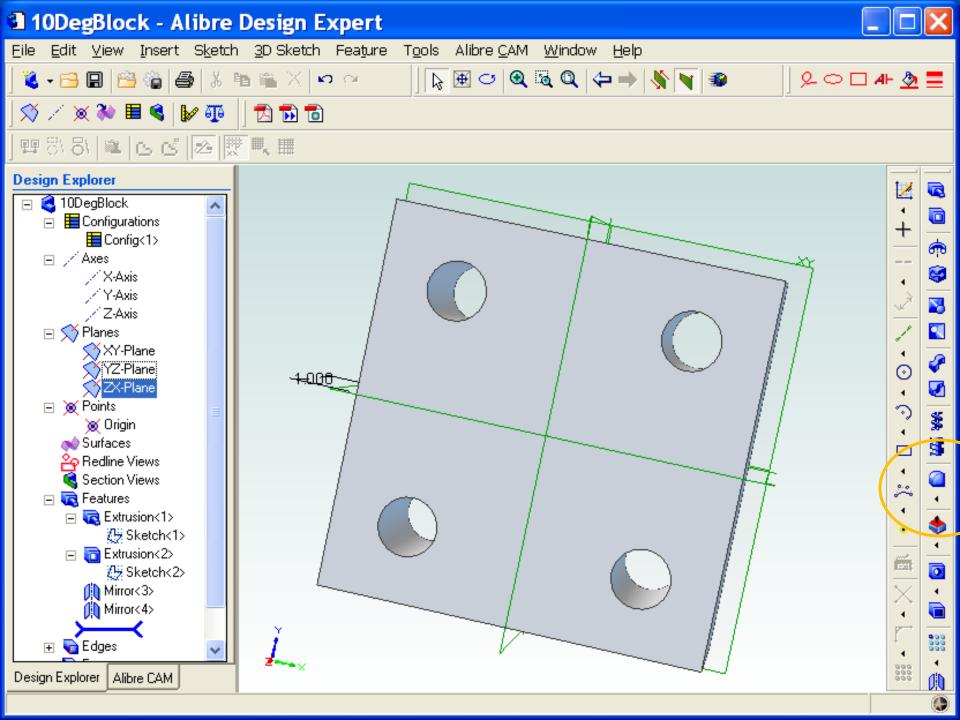


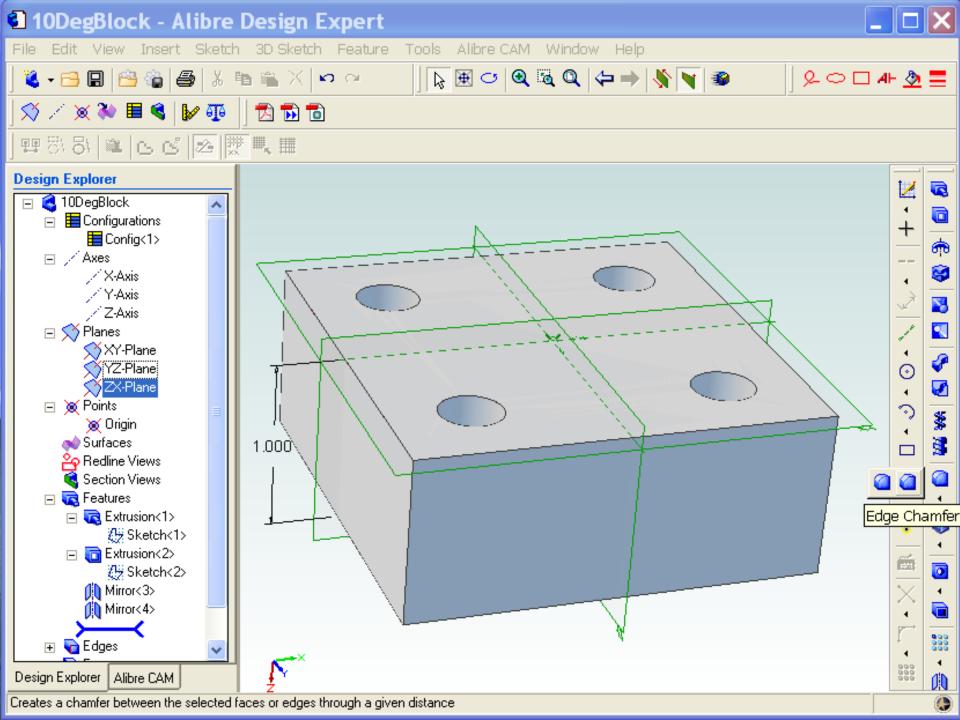






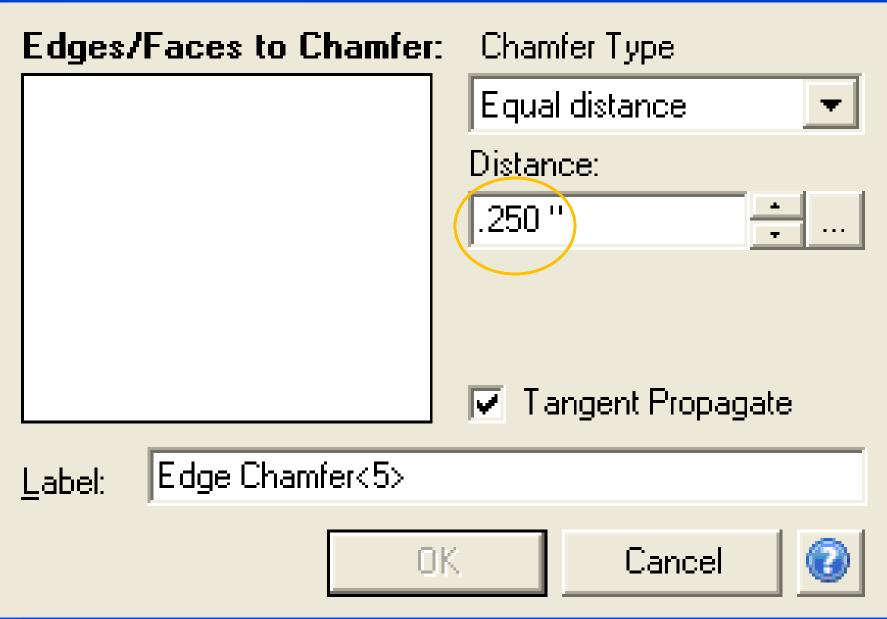












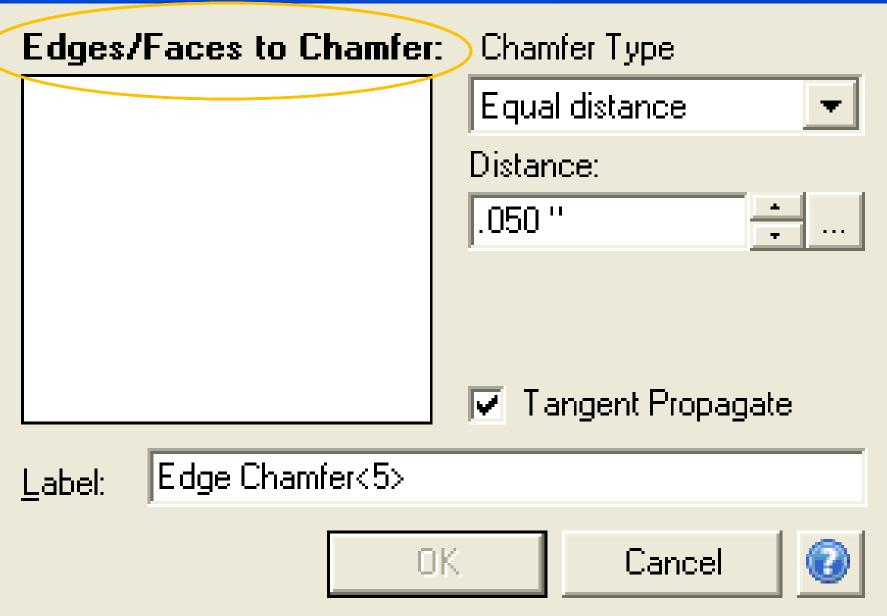


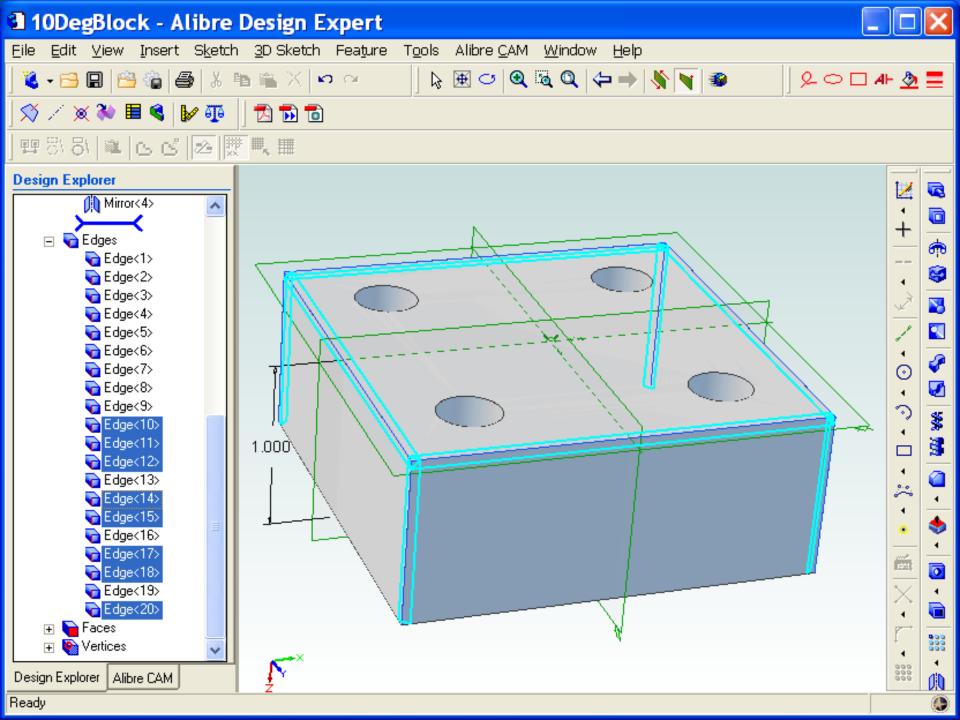


Edges/Faces to Chamfer: Chamfer Type Equal distance Distance: 1050 '' Tangent Propagate |Edge Chamfer<5> Label: ПK Cancel

\varTheta Chamfer Edge

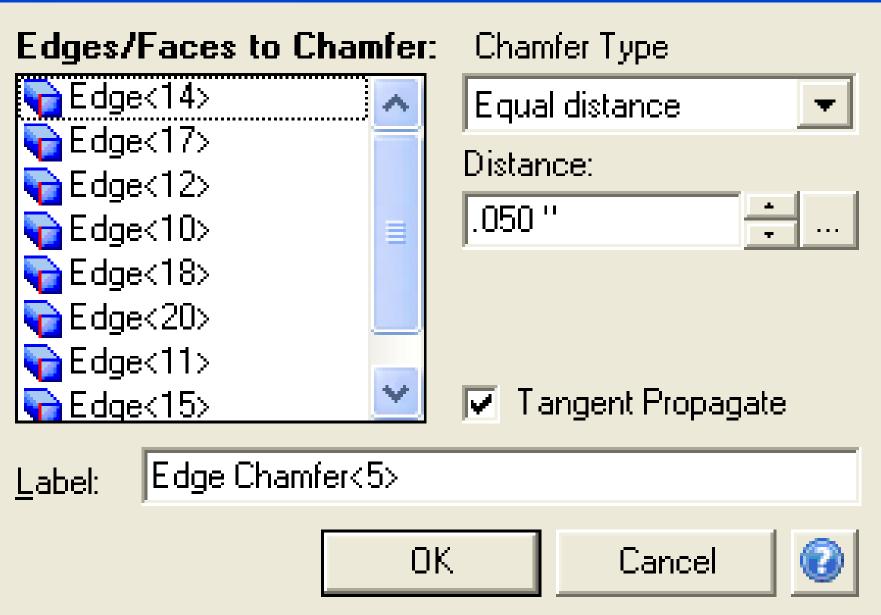


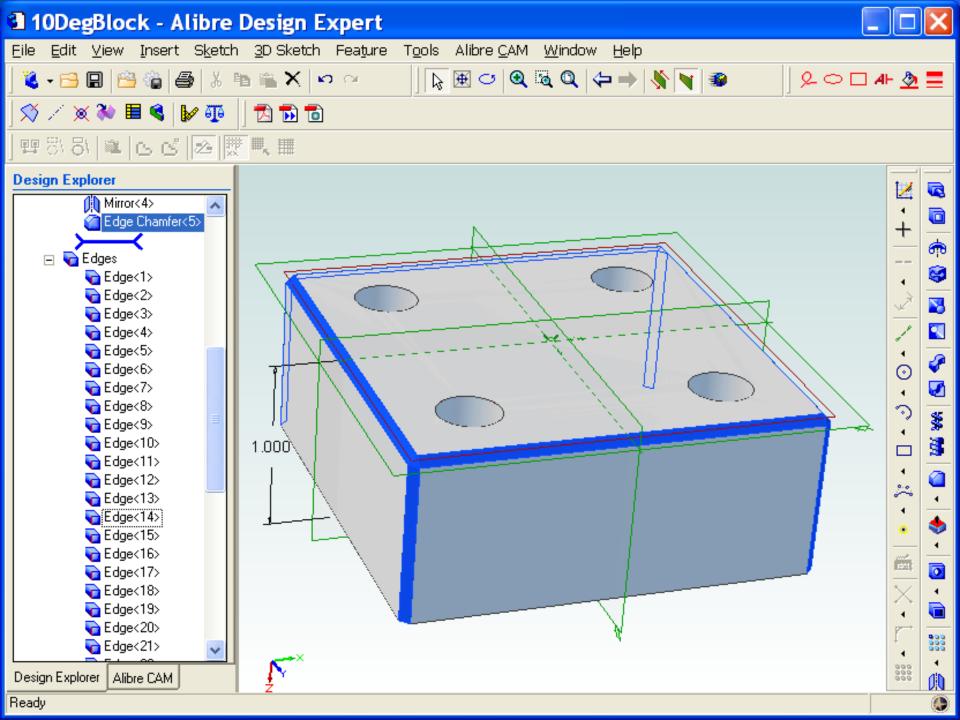




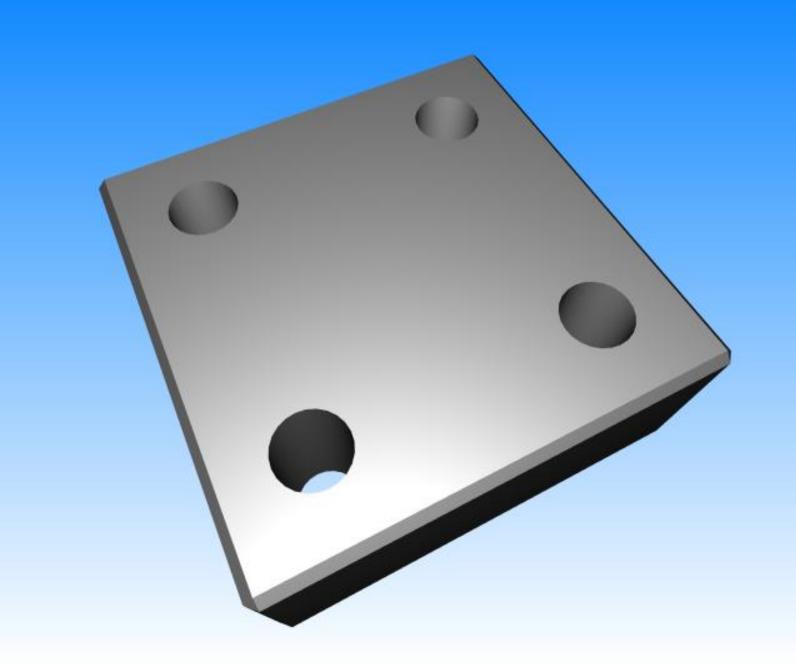


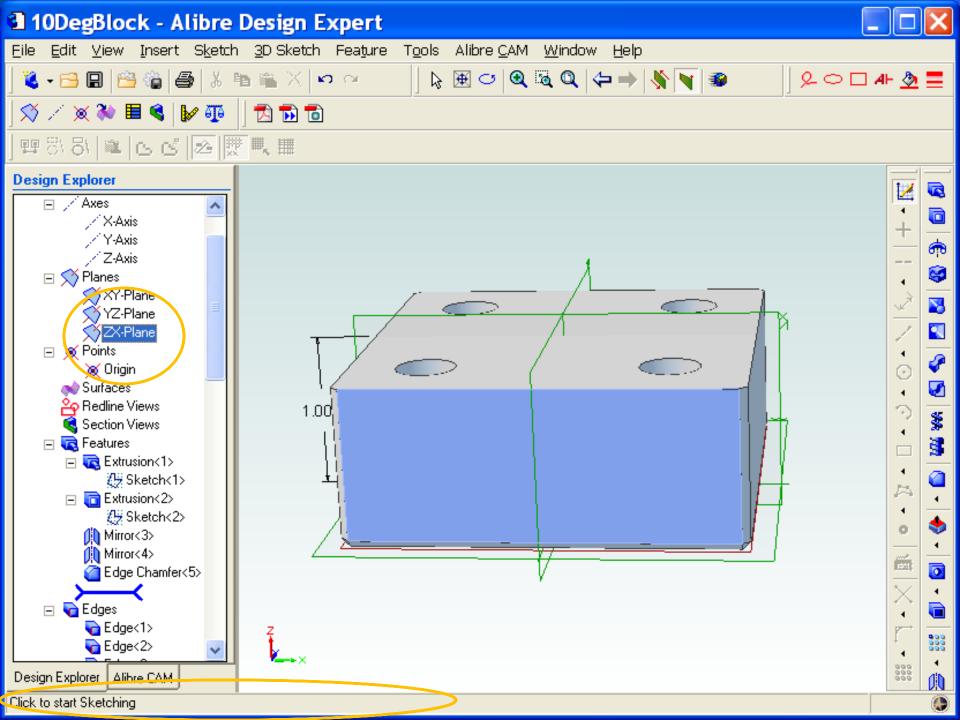


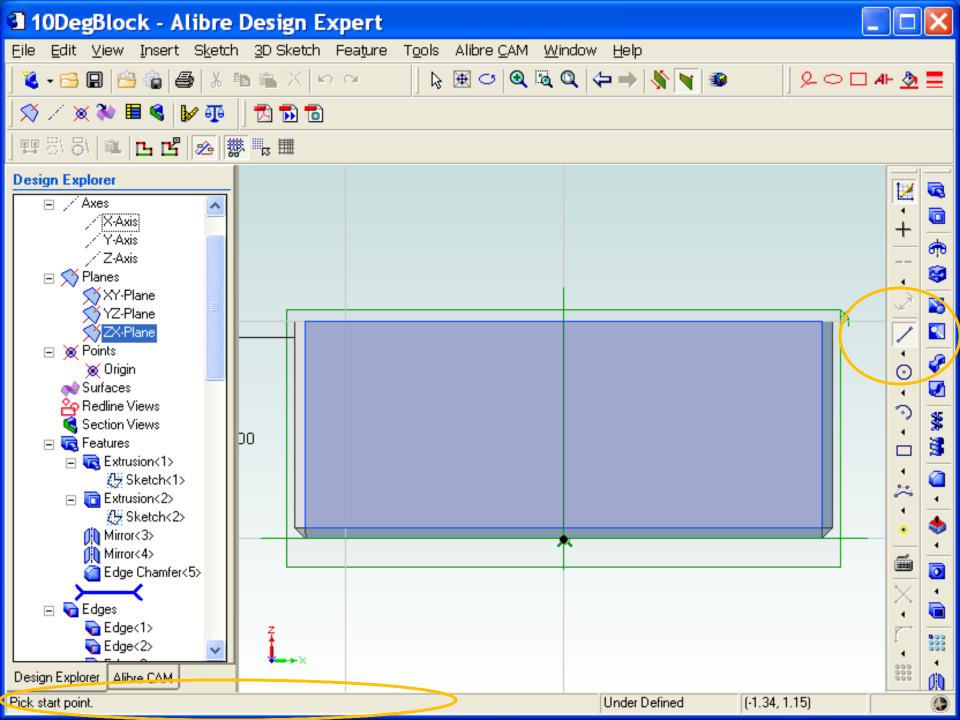


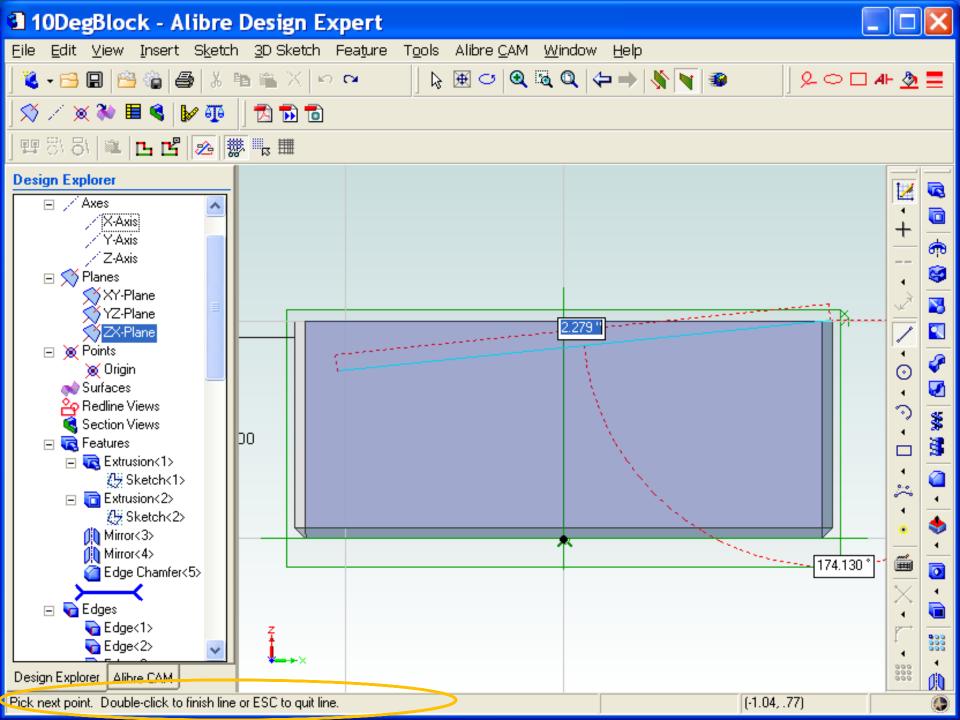


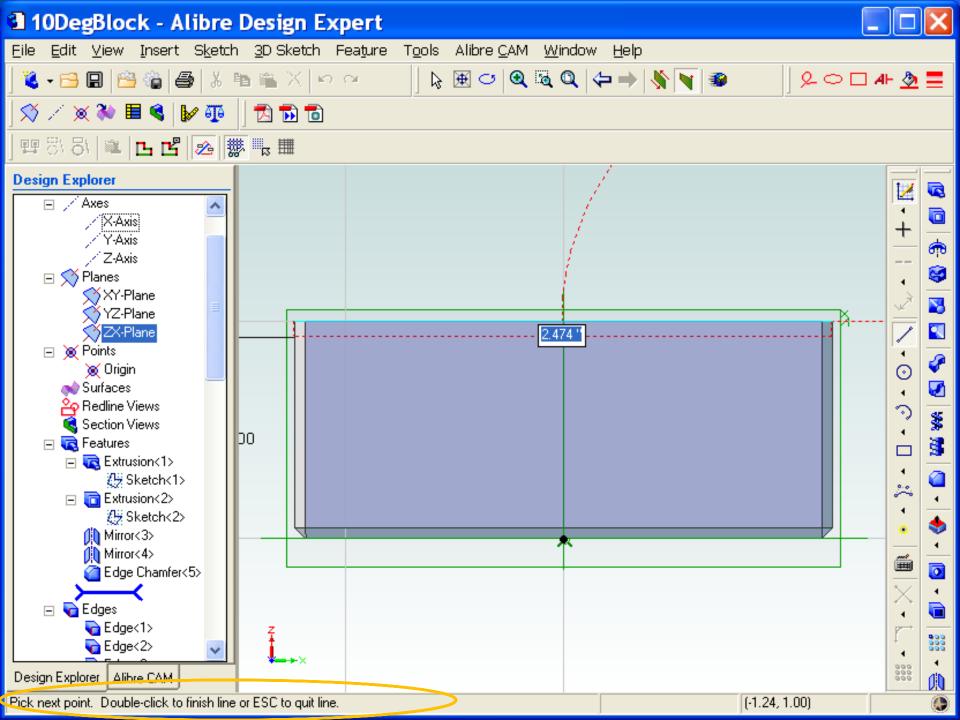
Alibre PhotoRender <u>File Edit View Render Tools Help</u> 🎱 🖲 🌠 🚭 🖓 € (\$ (?) 🖂 📯 X- Y+ Y- Z+ Z- 🔲 🗖 💷 💷 Archives Editors Lighting Schemes User Archives 👅 😿 🐷 🖉 🐯 Backgrounds Foregrounds Lighting Studios Materials Scenery Schemes Views Access

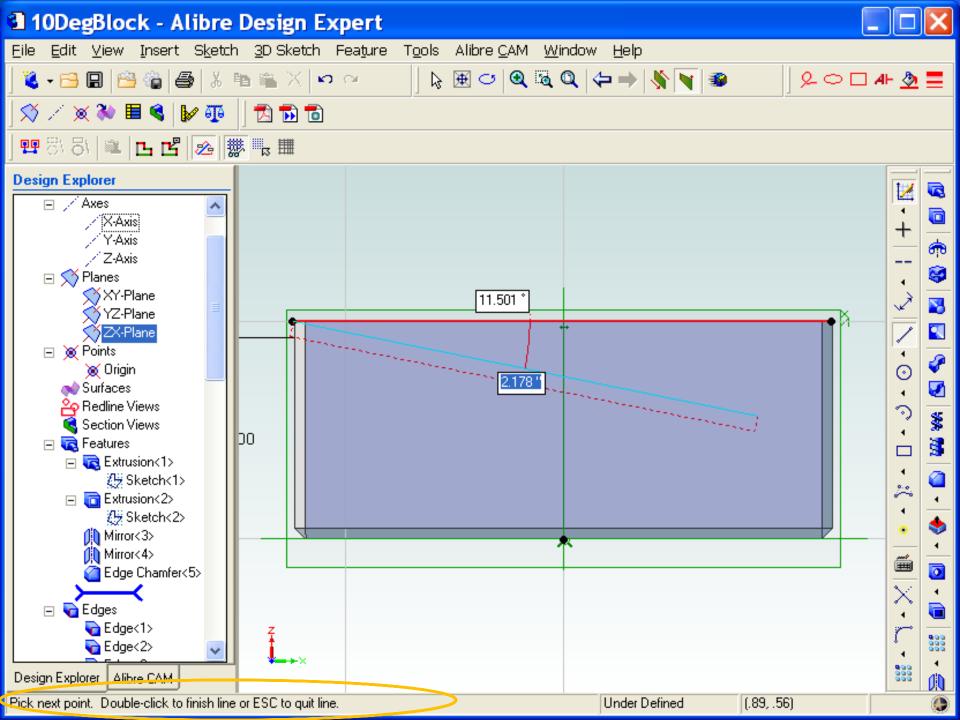


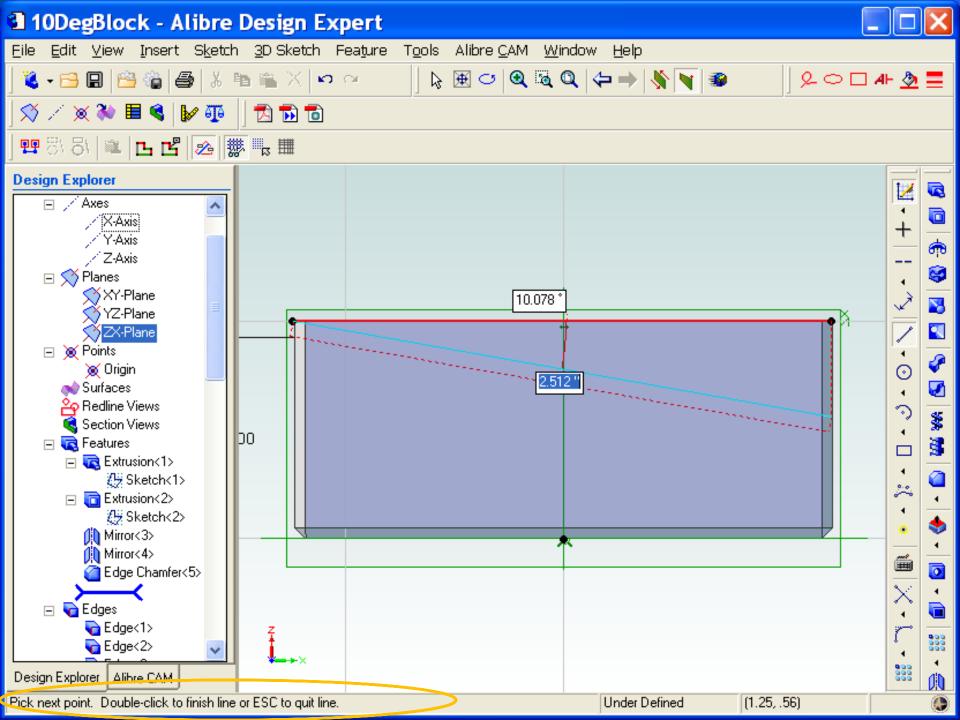


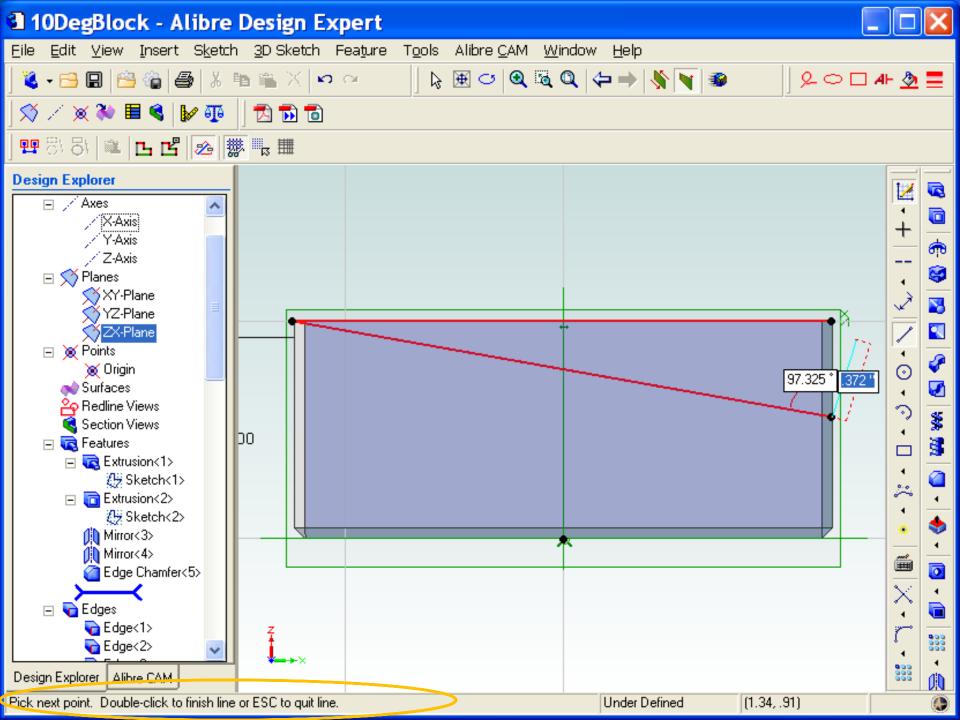


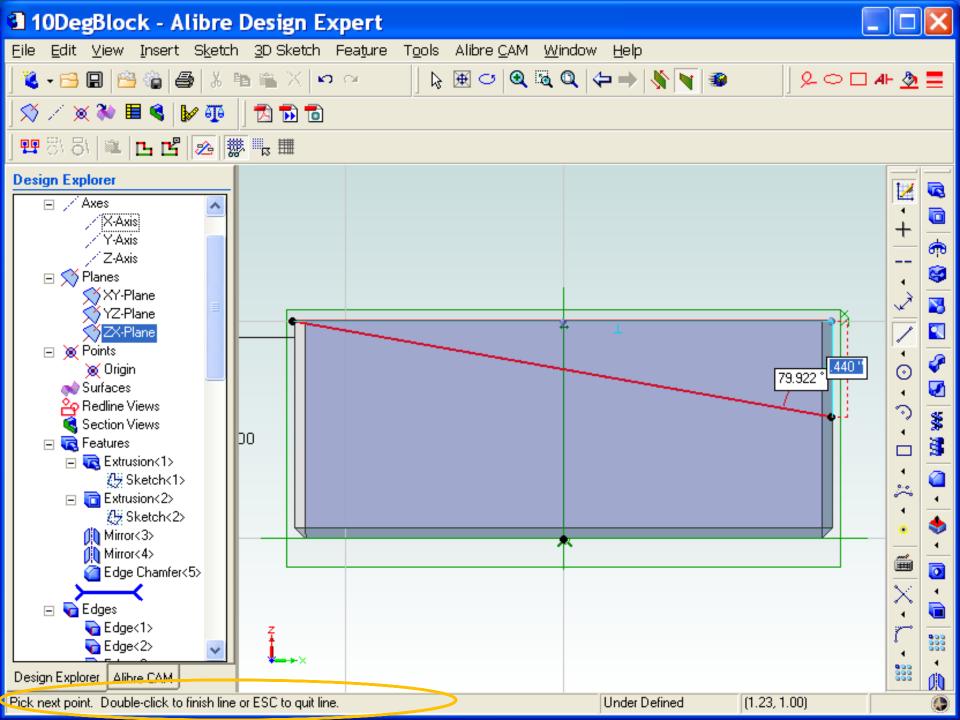


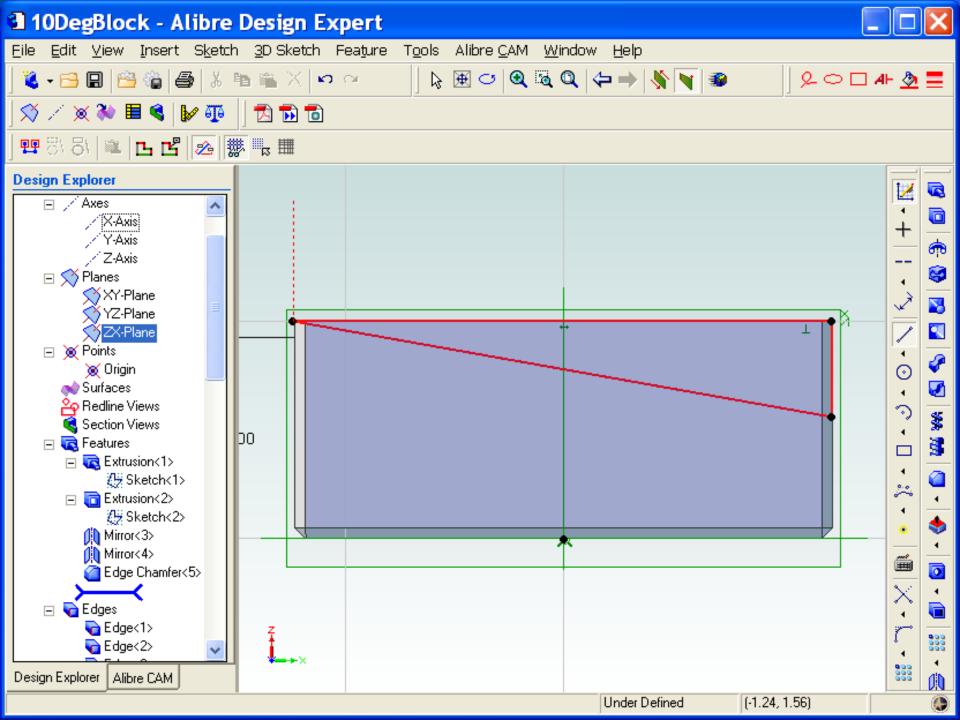


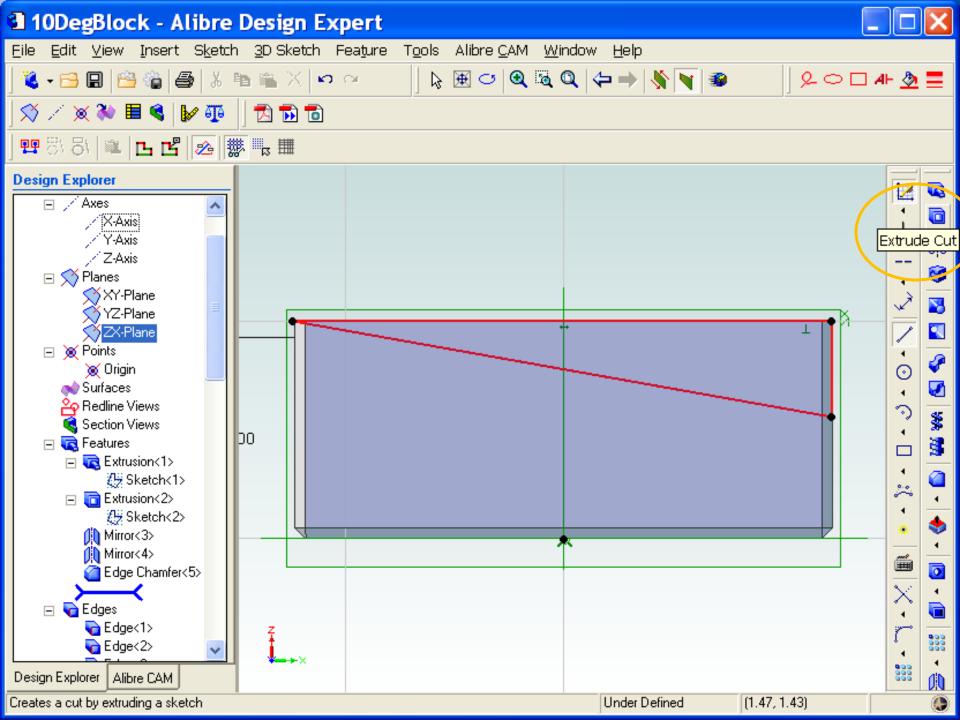


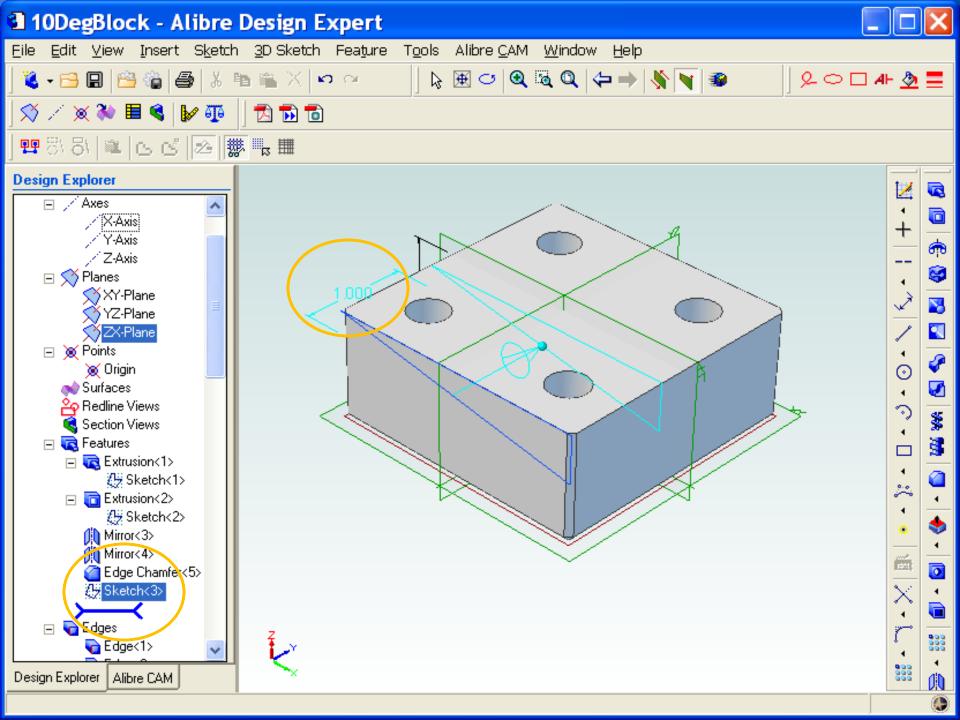












\varTheta Extrude Cut

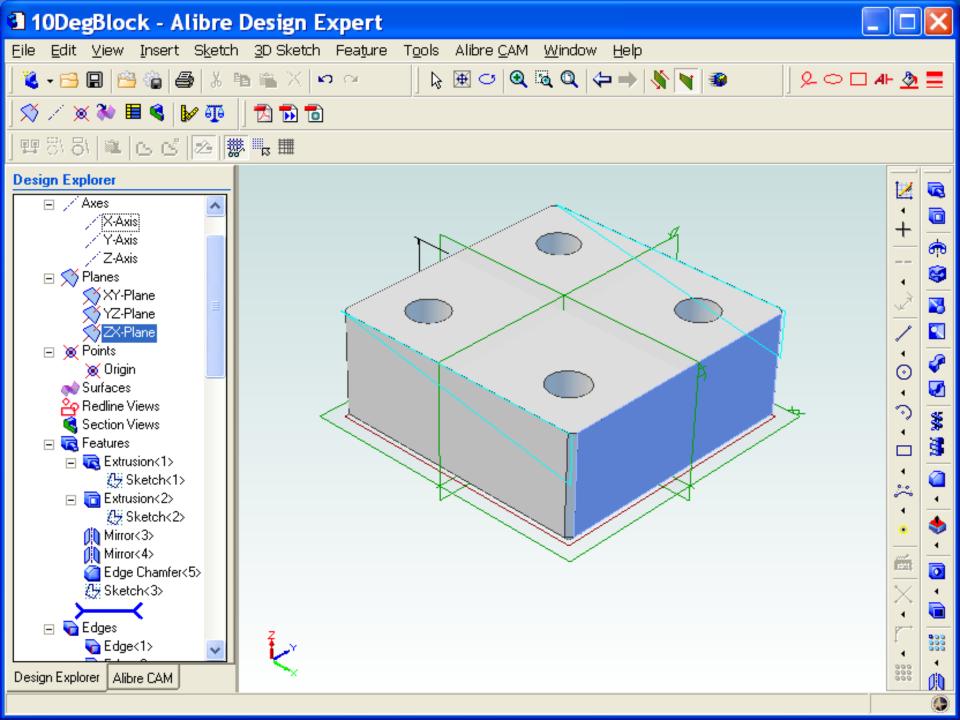


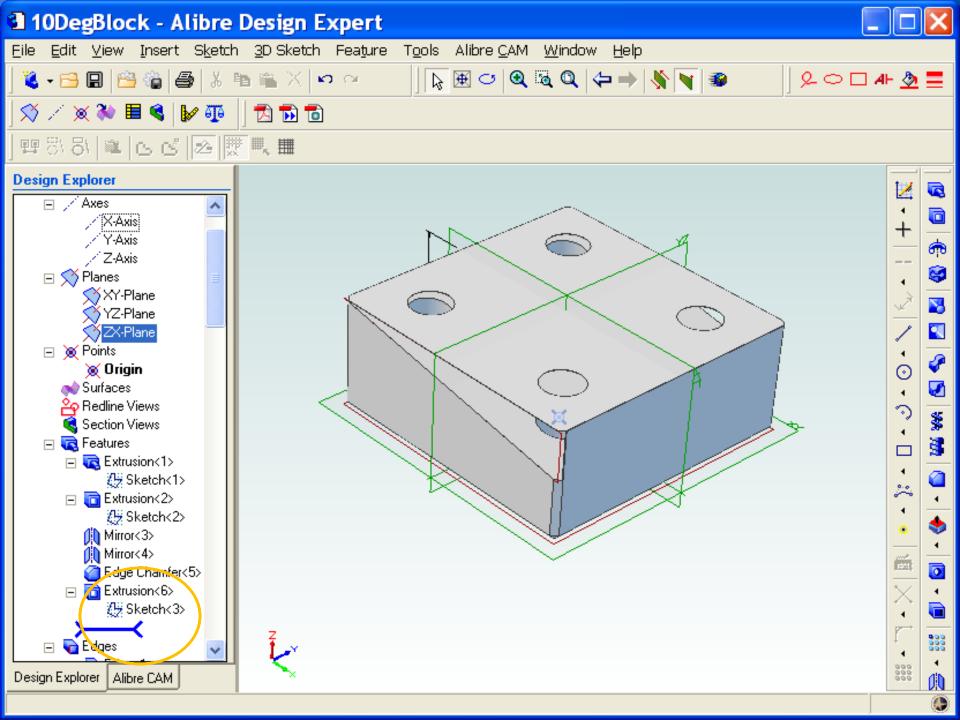


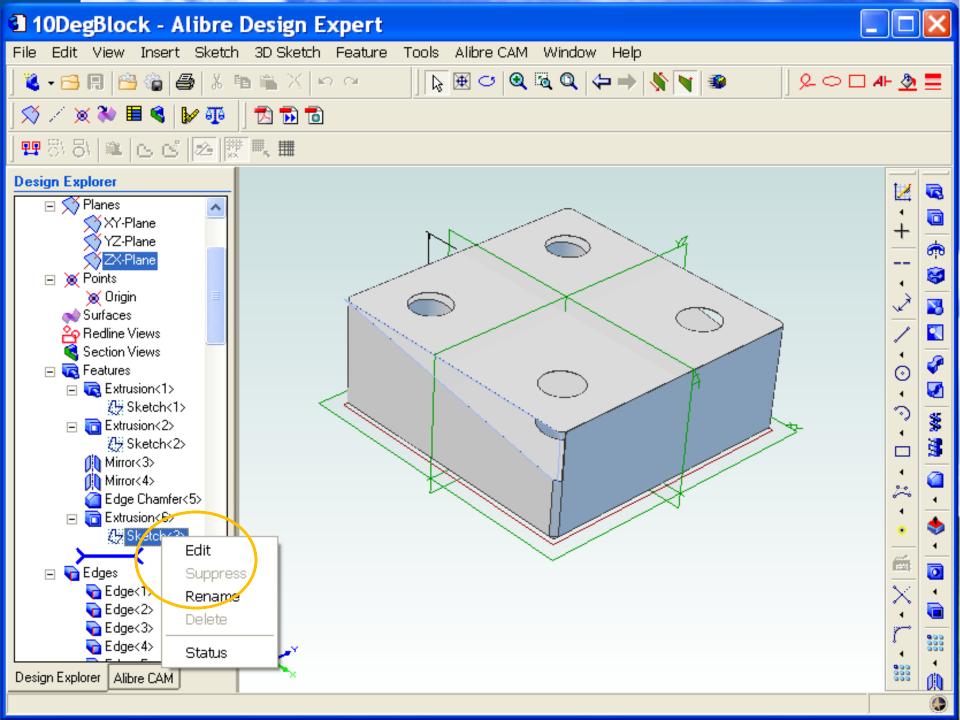
\varTheta Extrude Cut

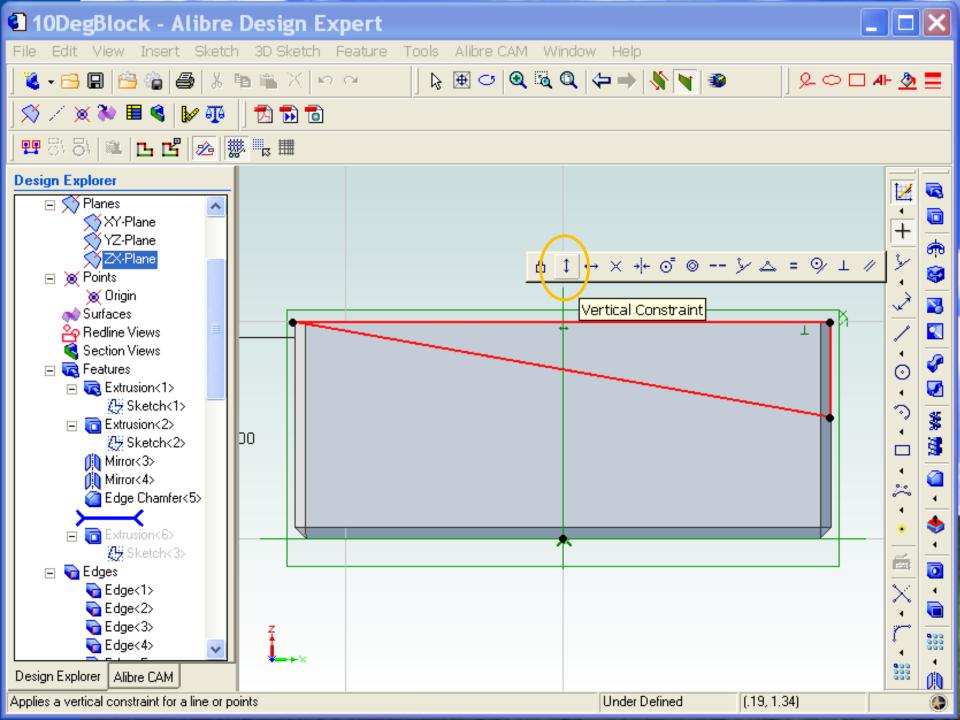


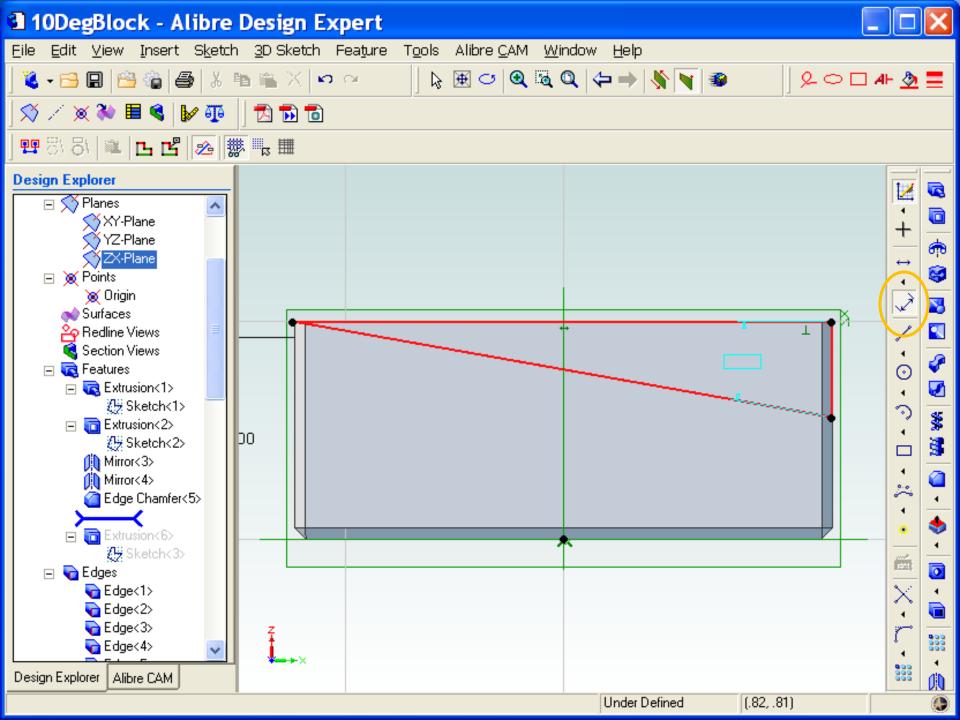
Sketch Sketch<3>	Type: Through ALL
Direction ▲long Normal Select	Depth 1.000 " Eeverse
Draft Angle	To Geometry Target: Offset:
Label: Extrusion<6>	
OK. Cancel 🕜	

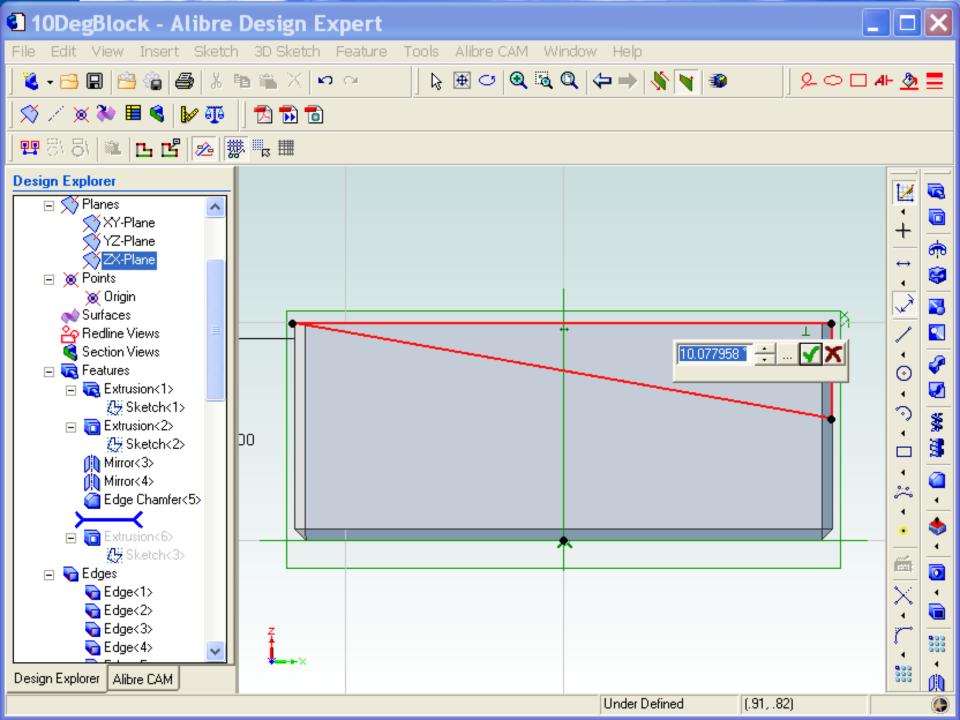


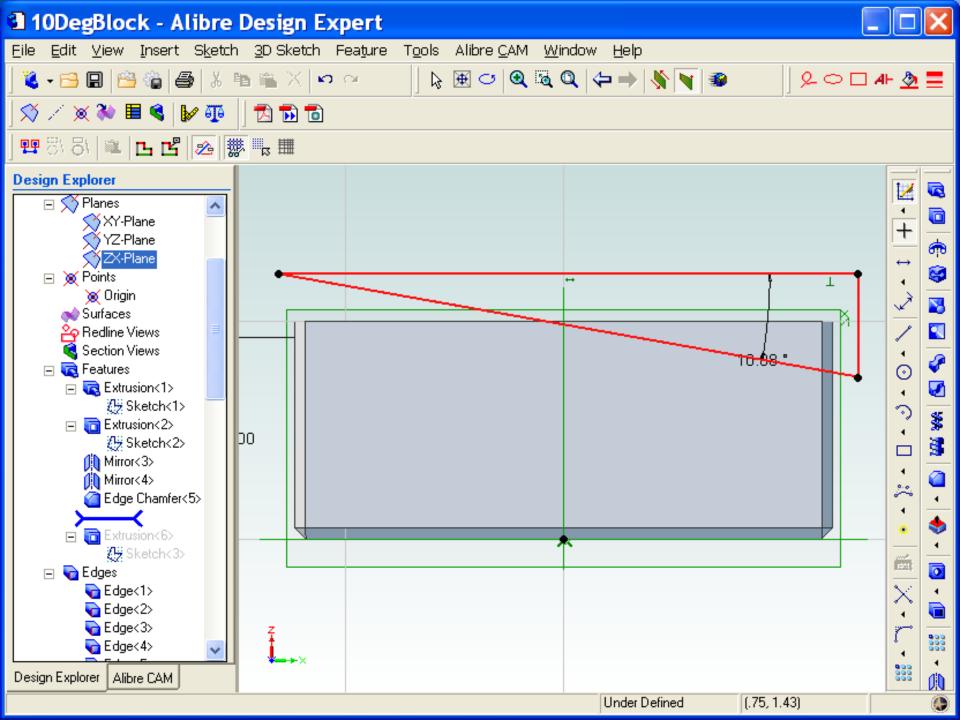


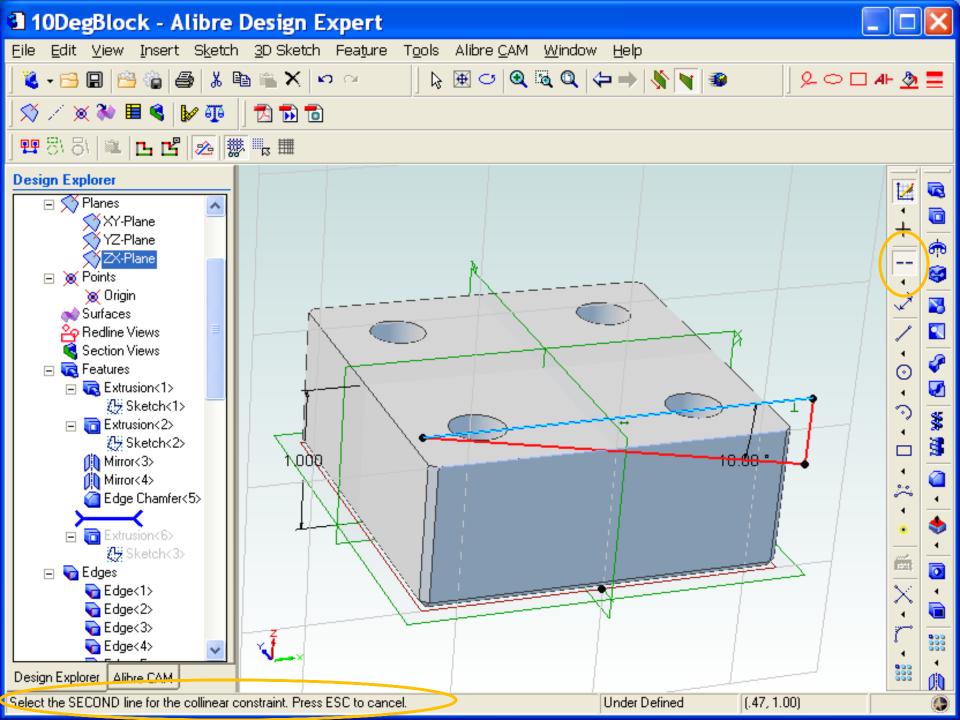


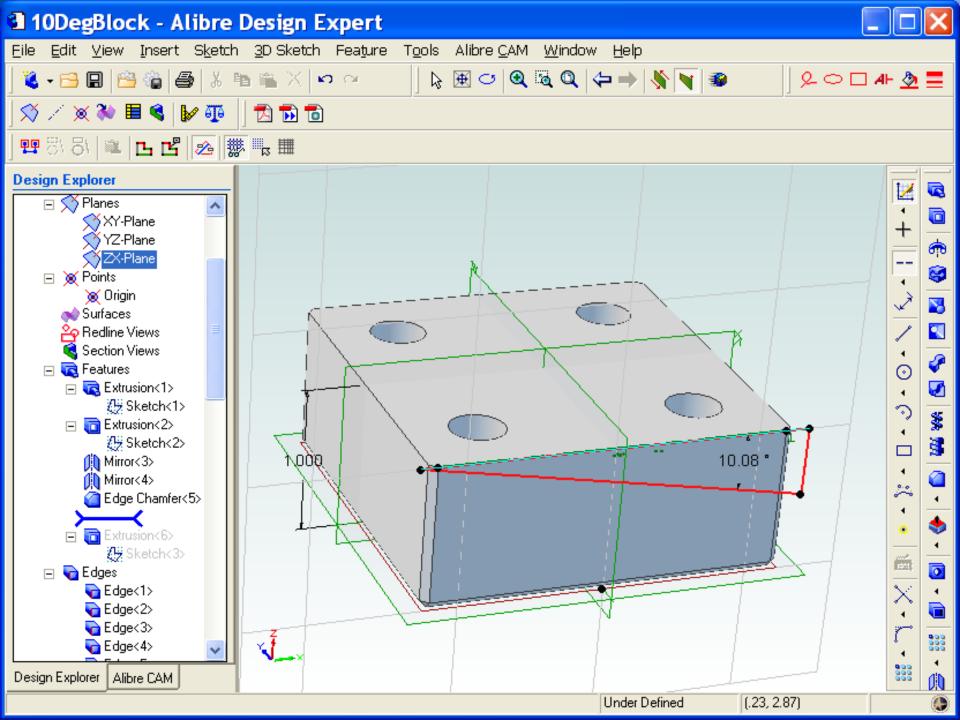


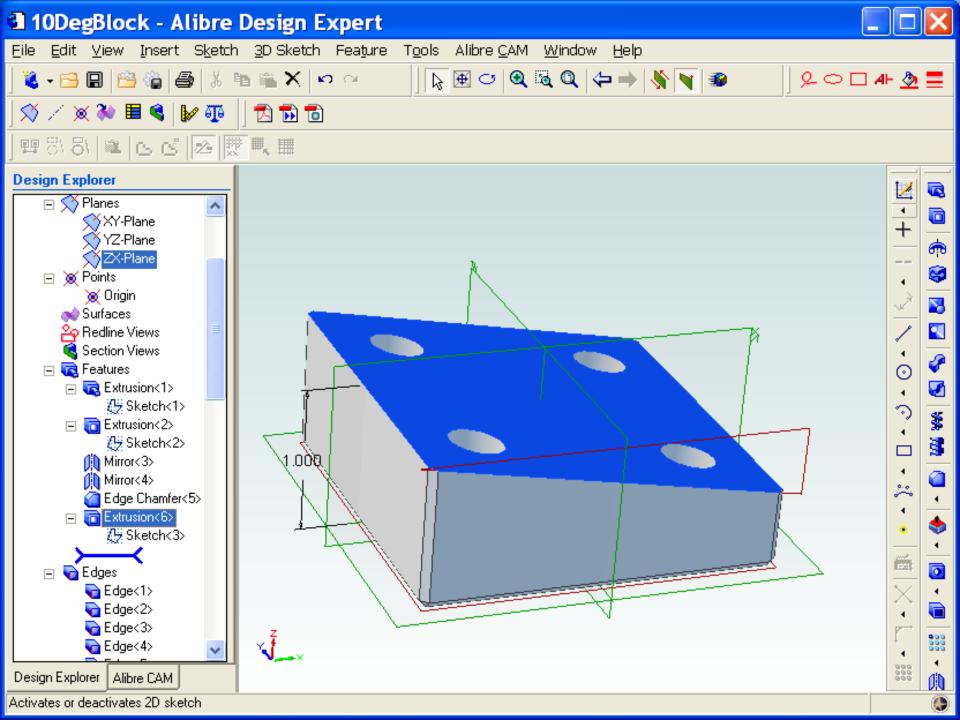


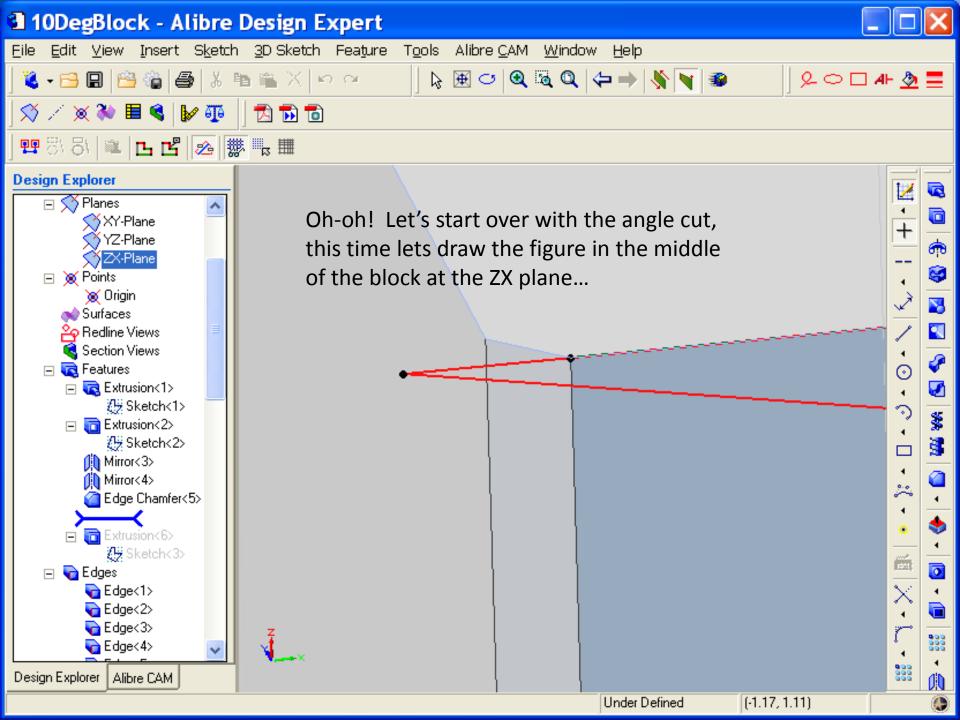


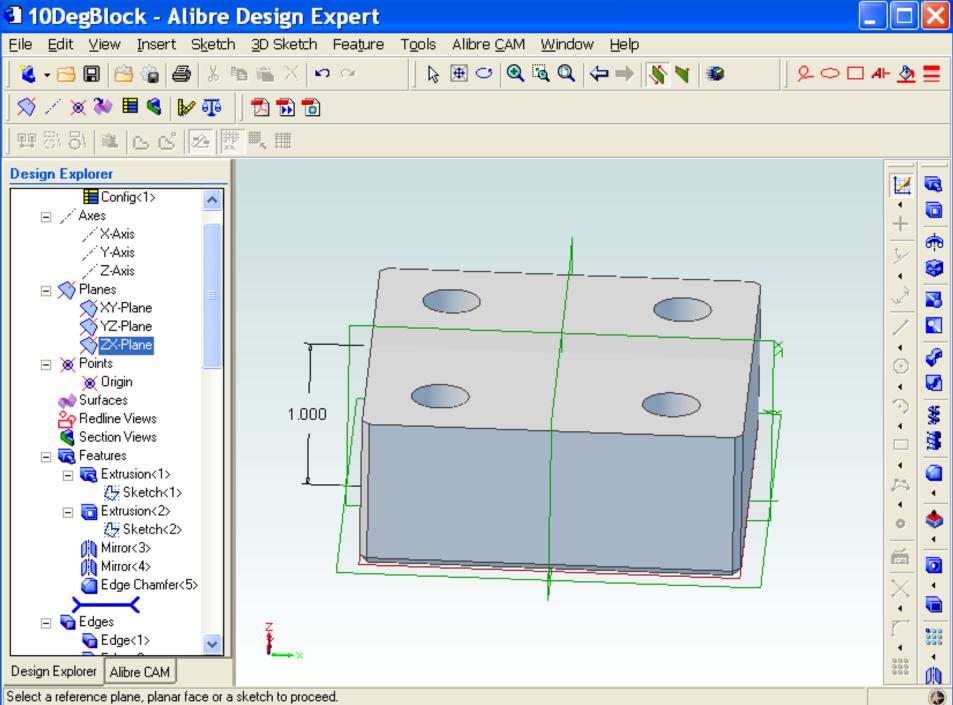




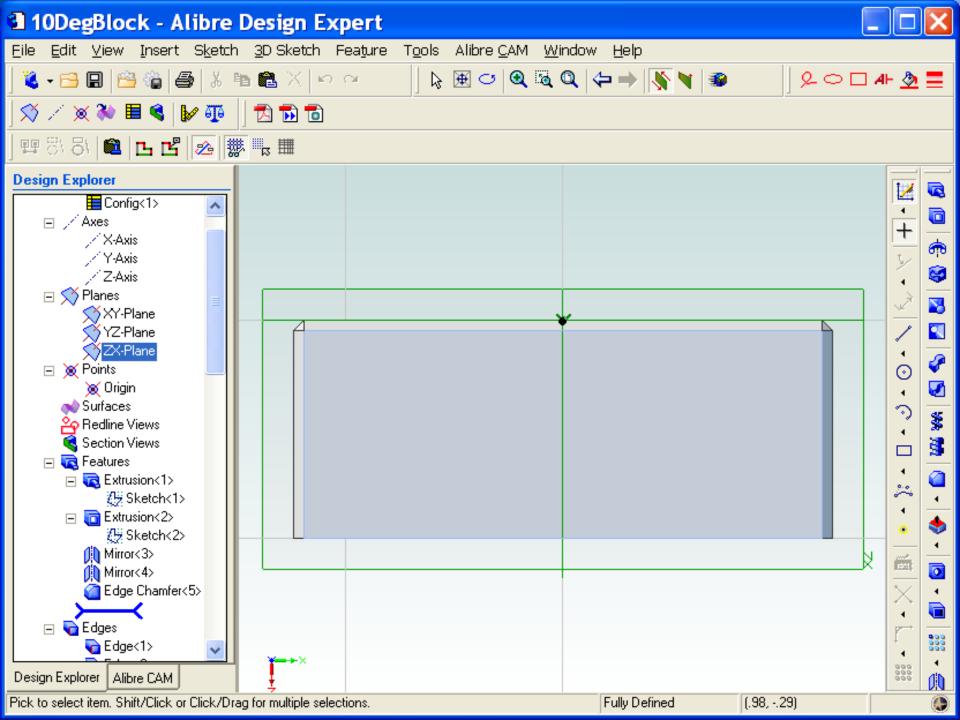


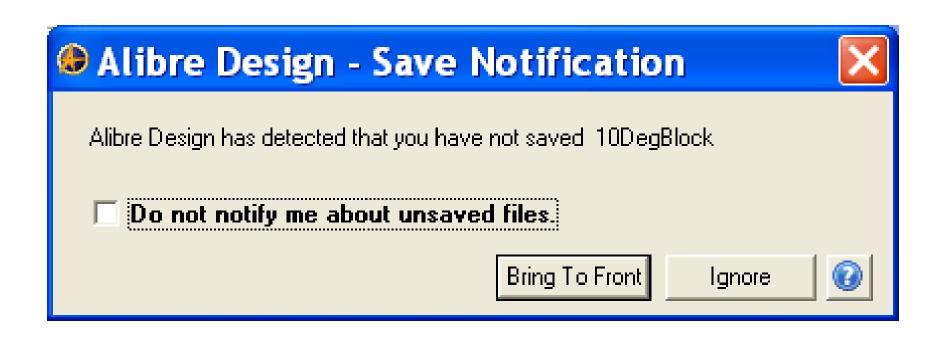


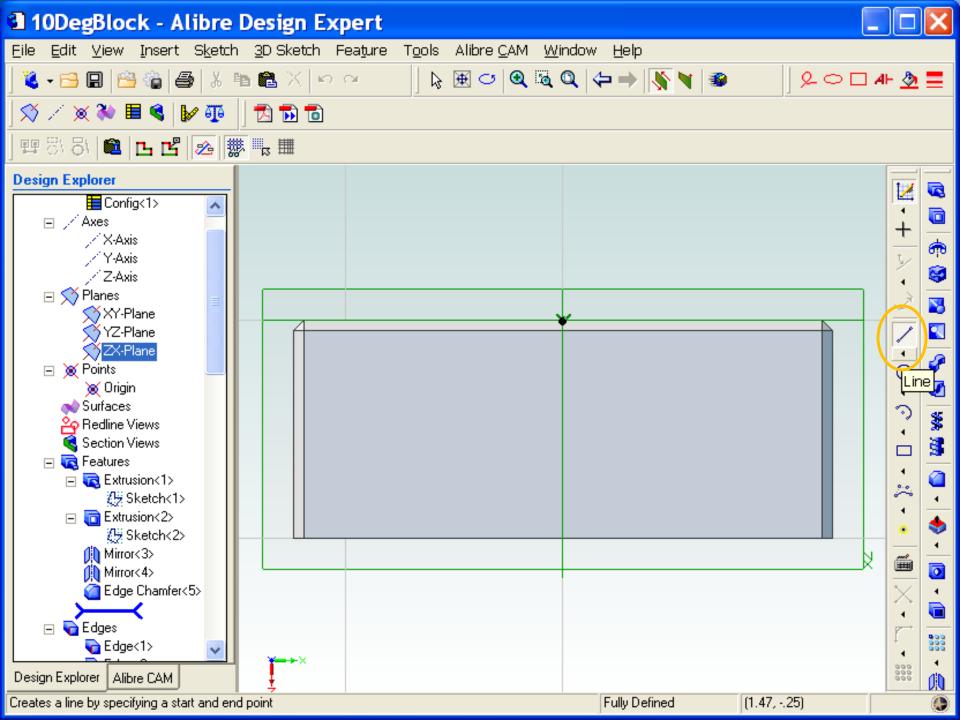


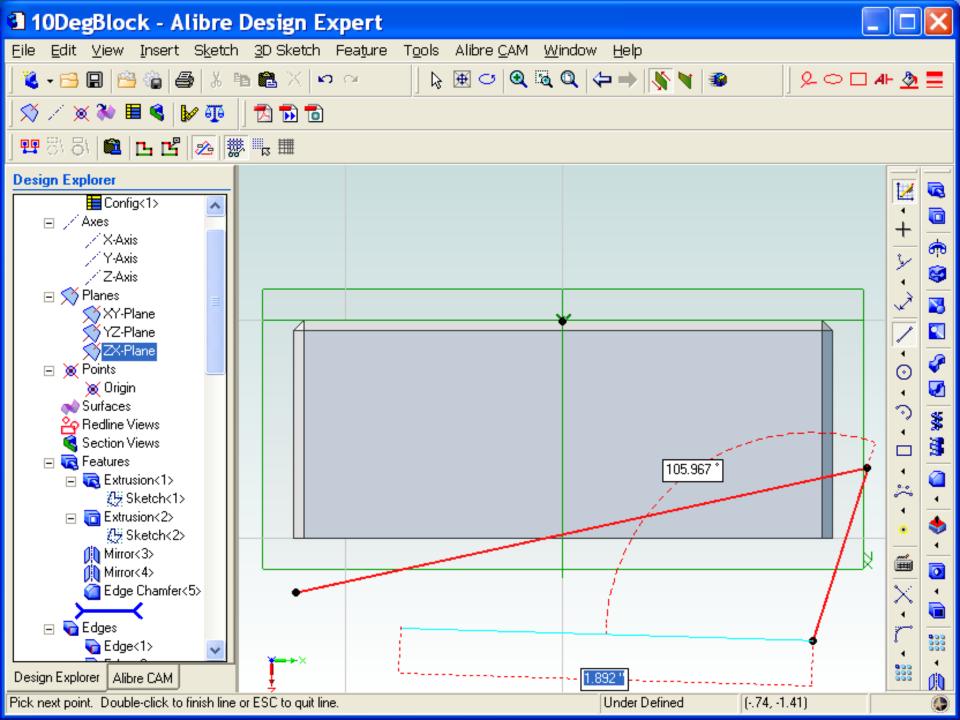


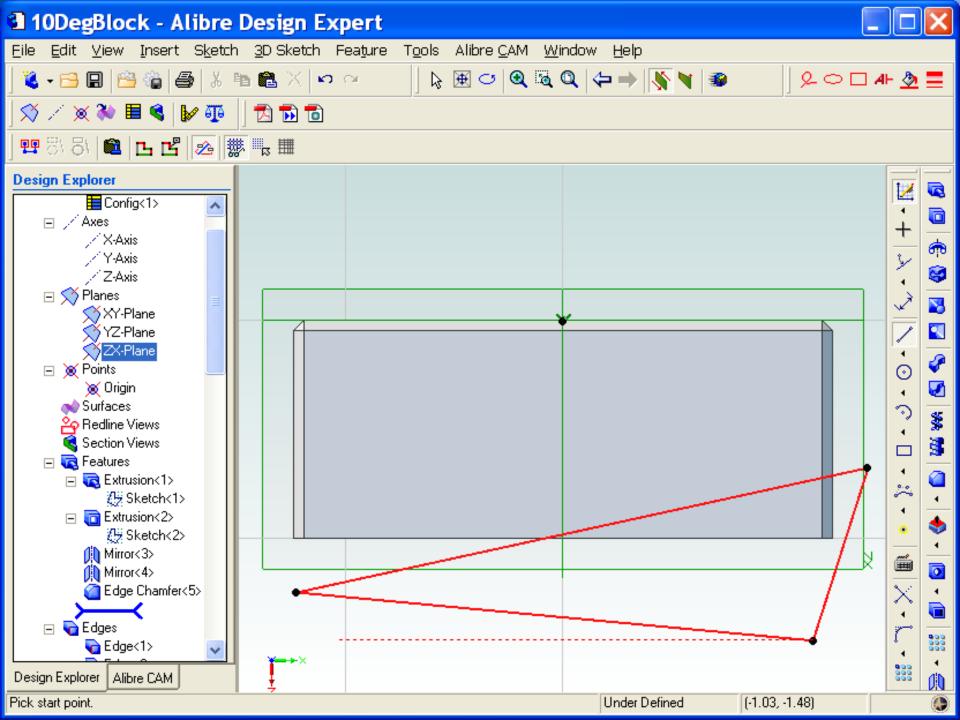
Select a reference plane, planar face or a sketch to proceed.

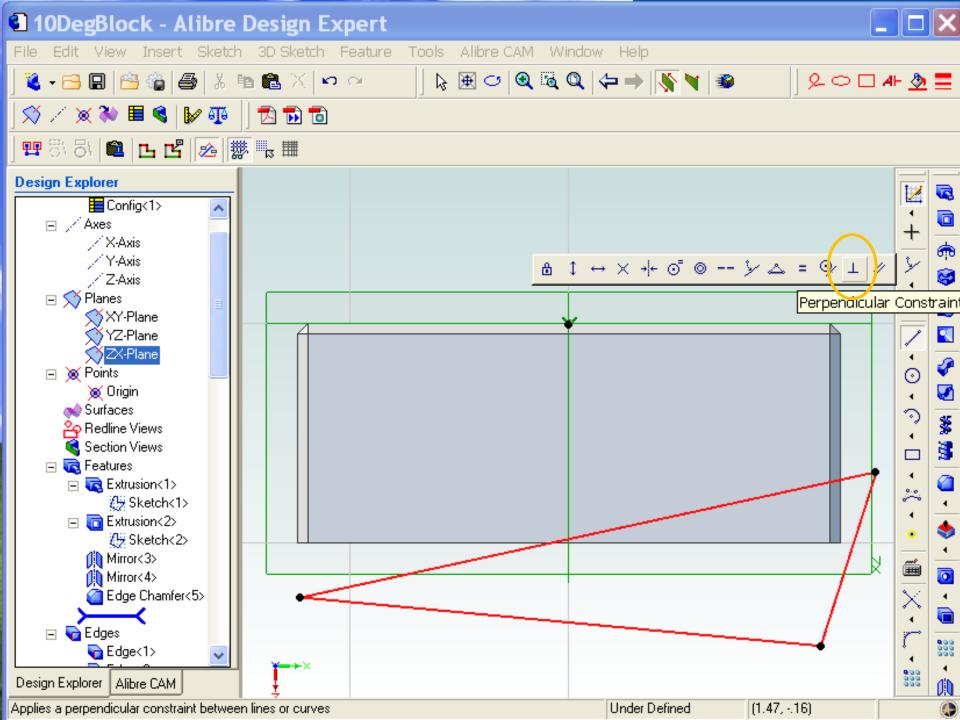


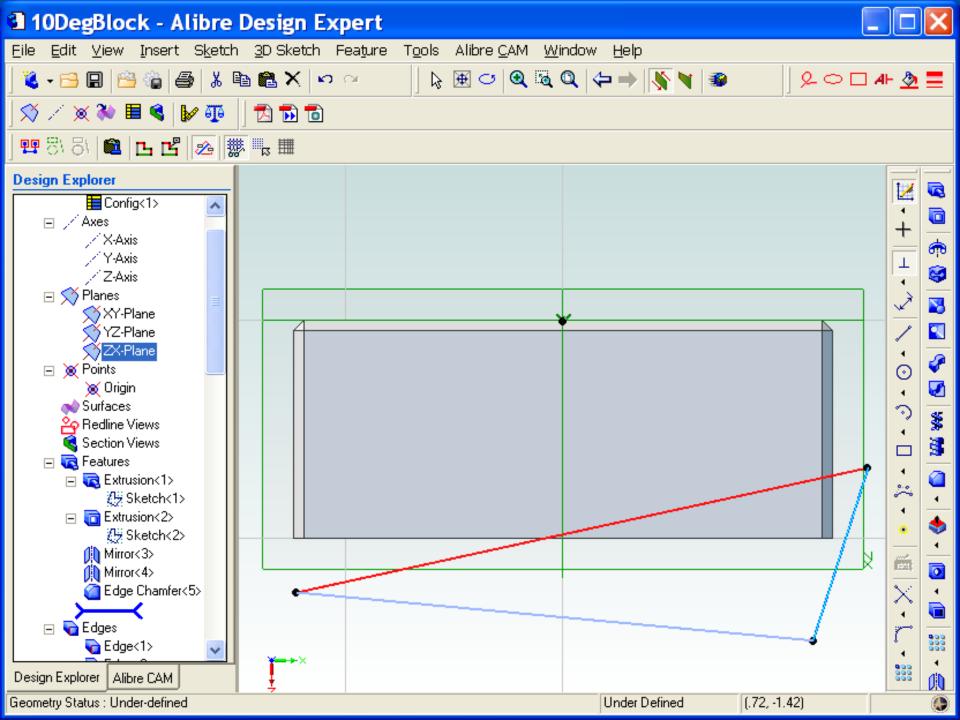


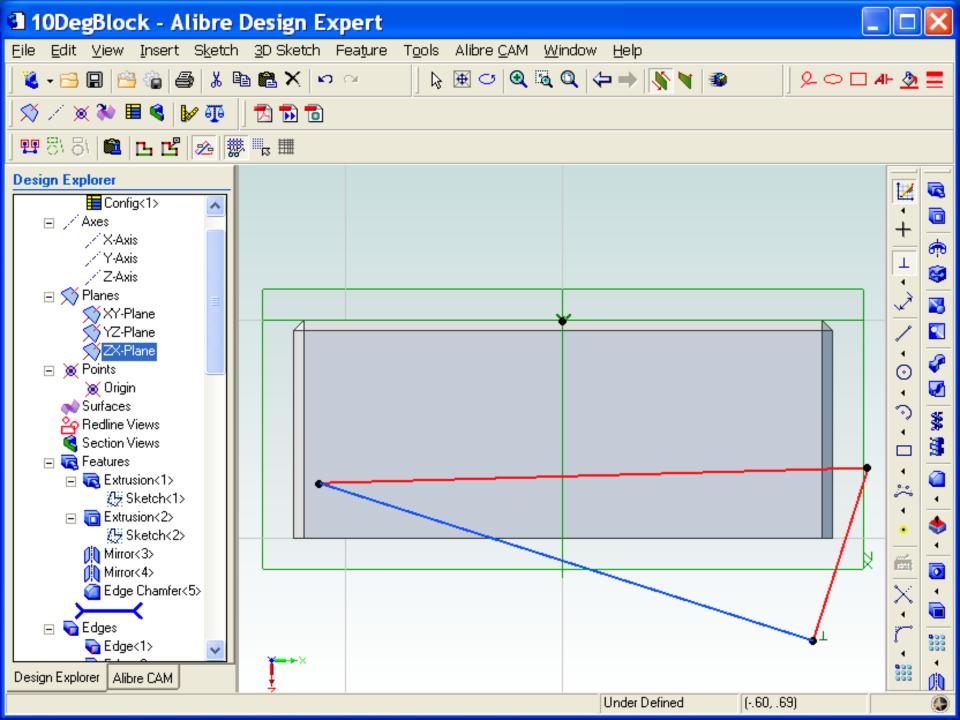


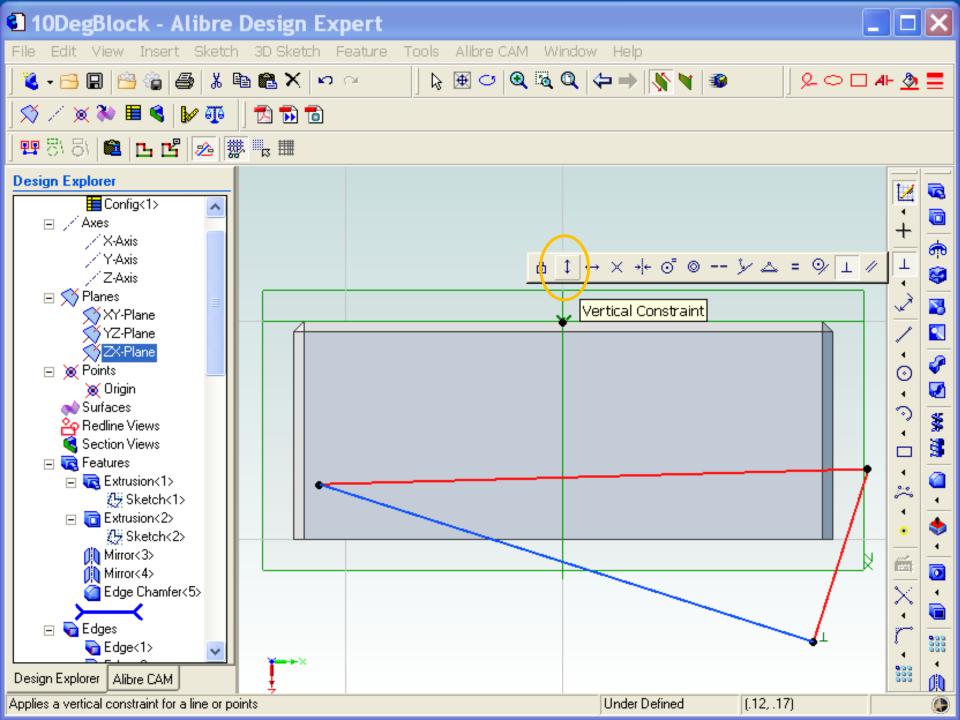


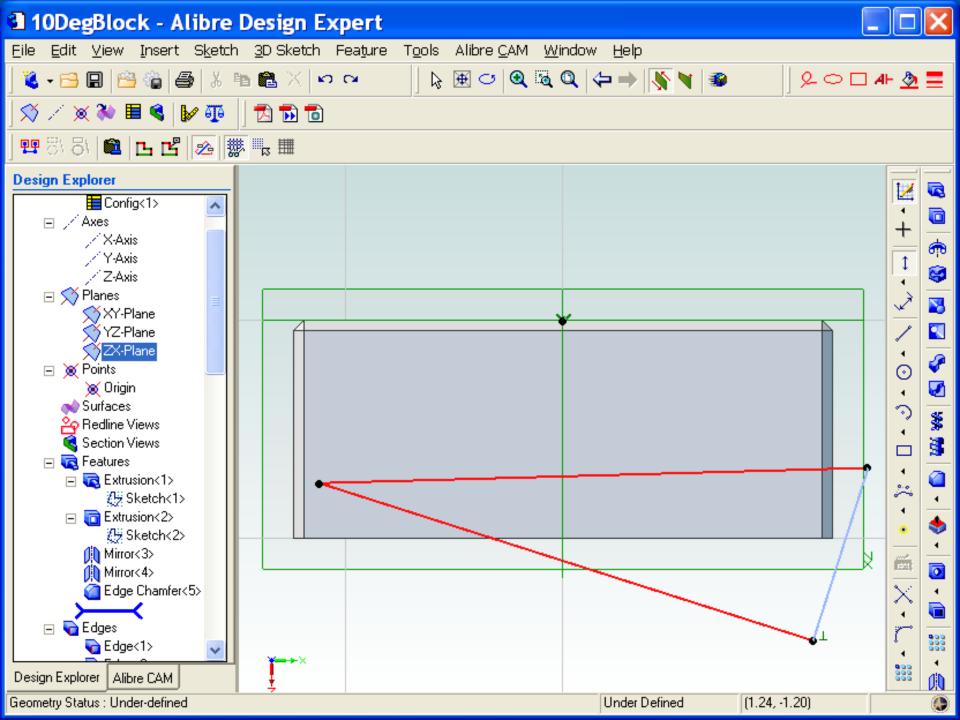


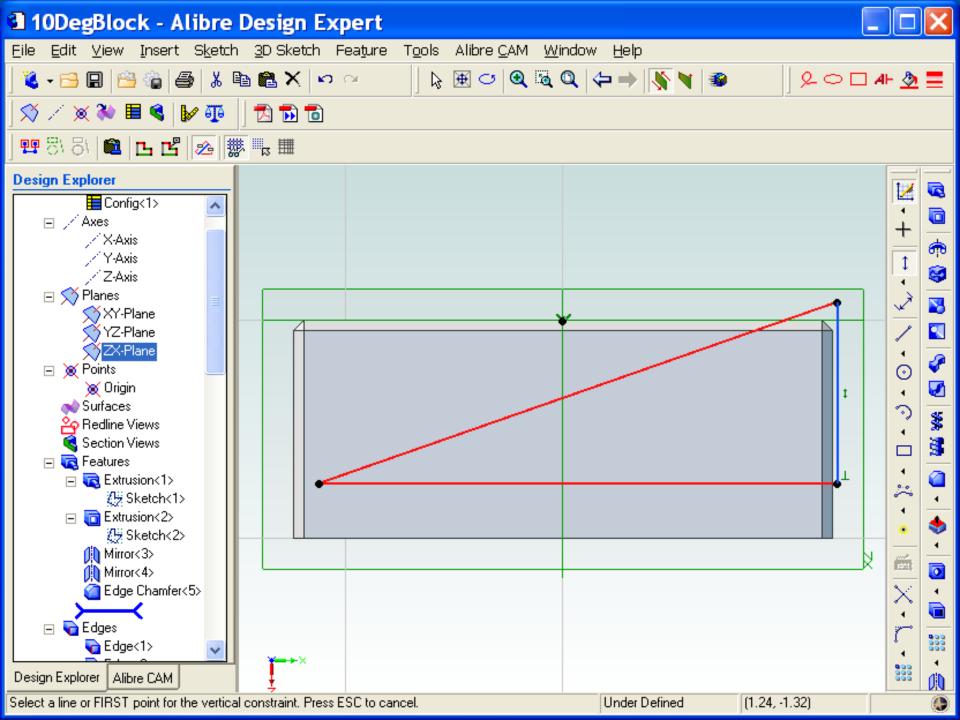


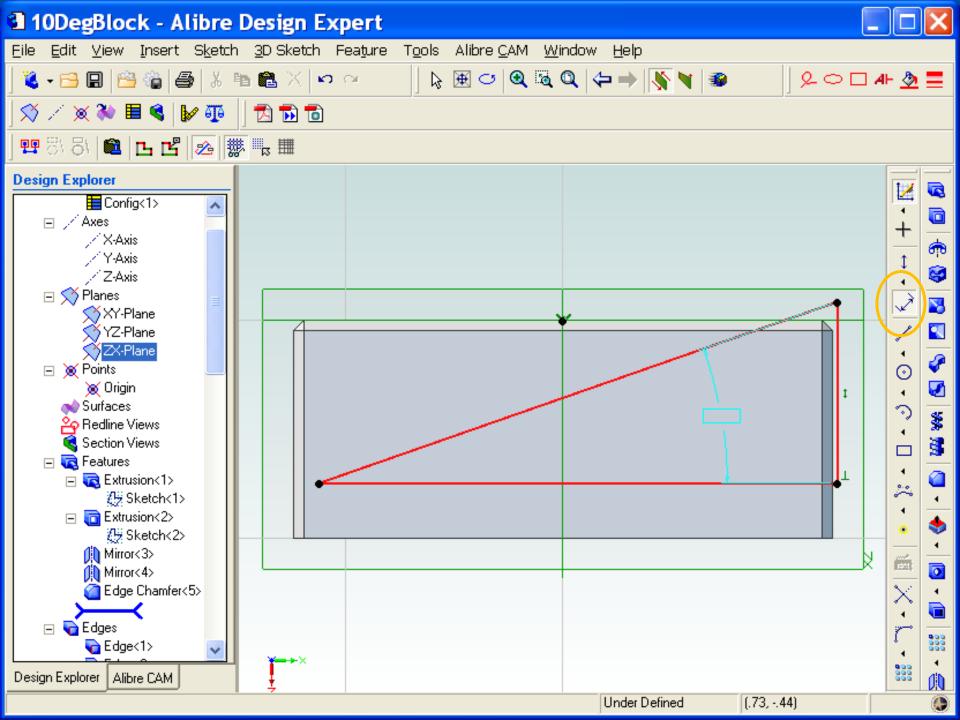


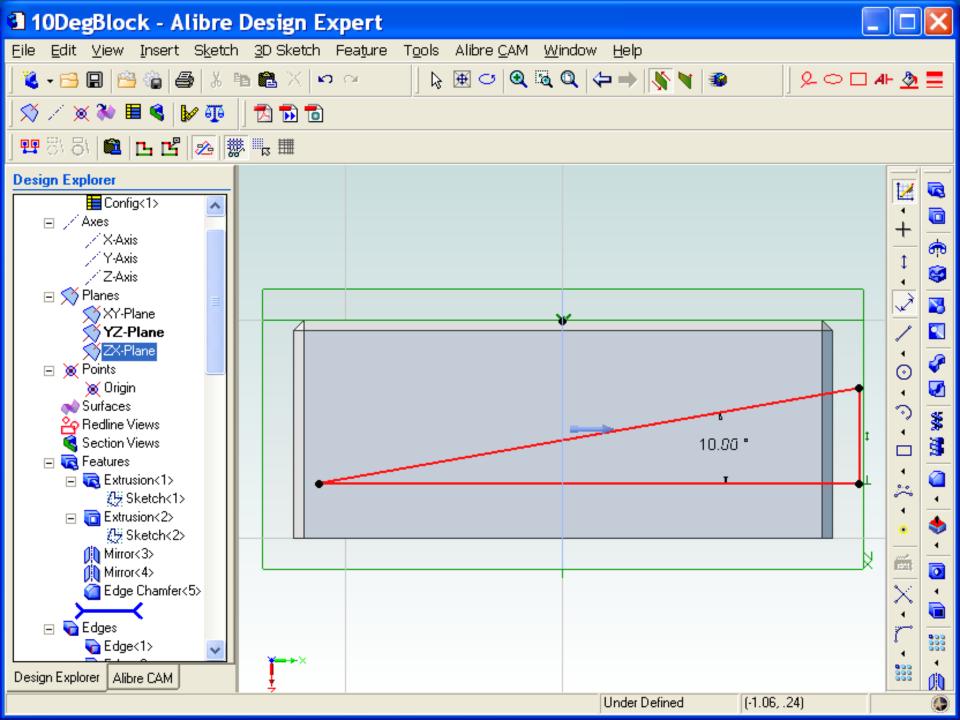


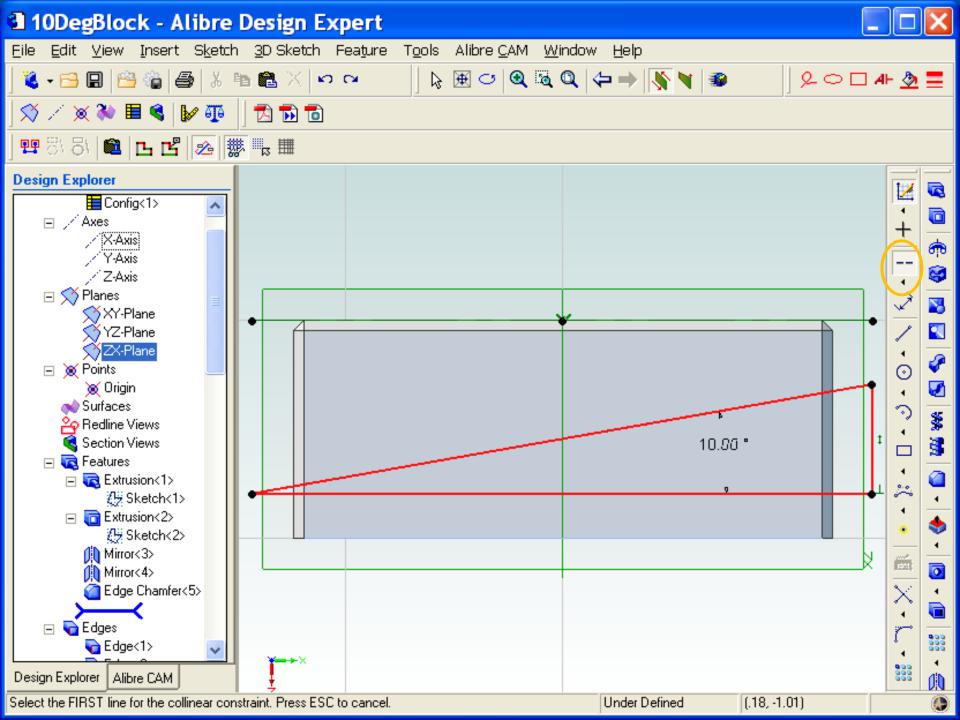


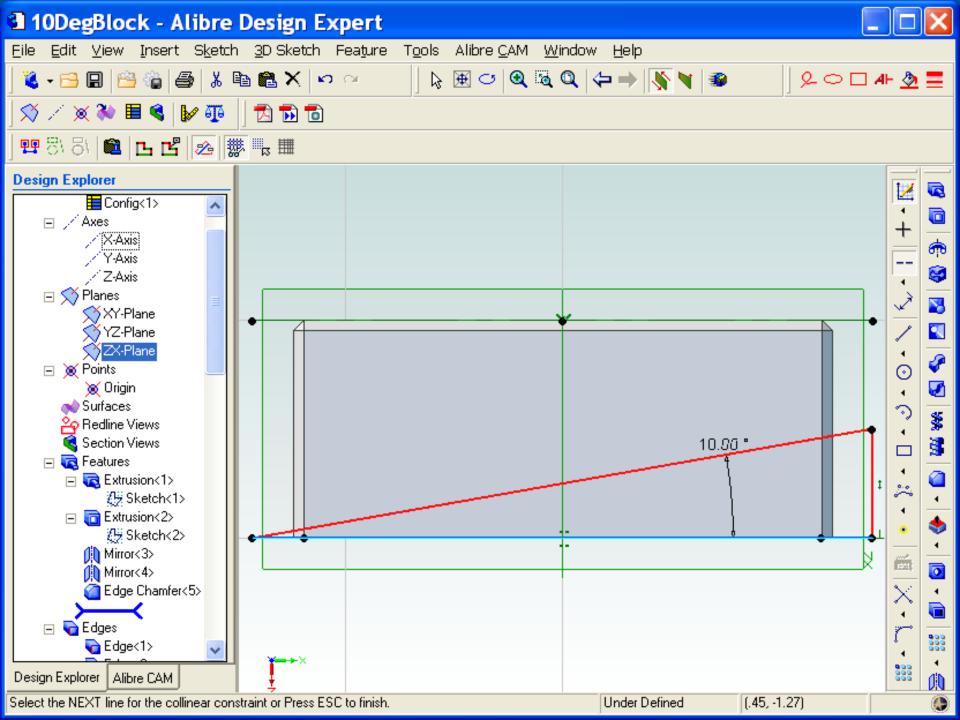


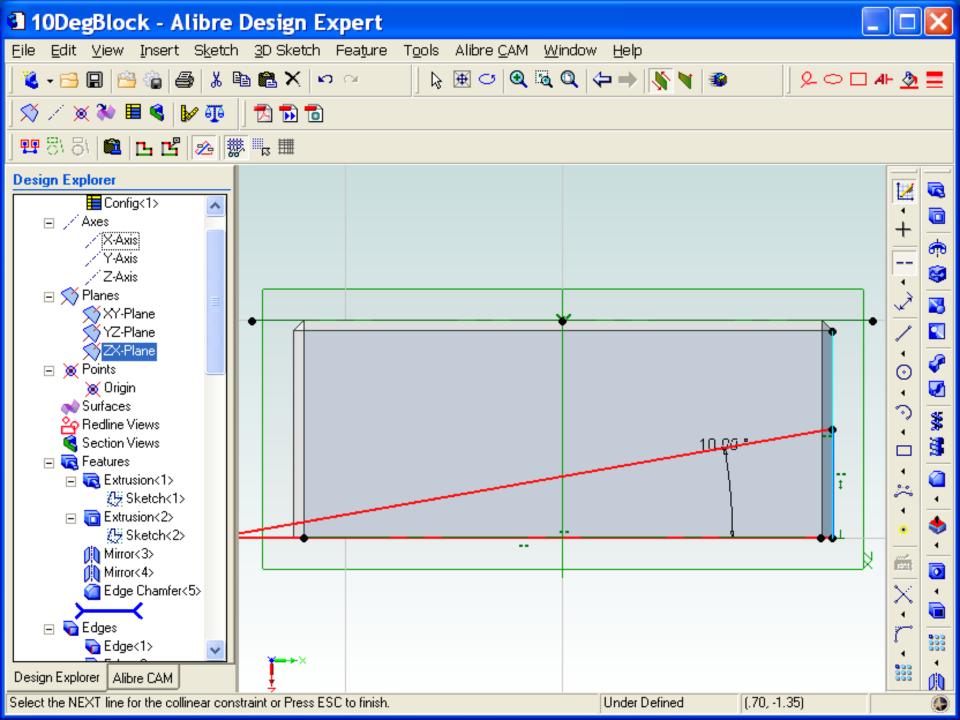


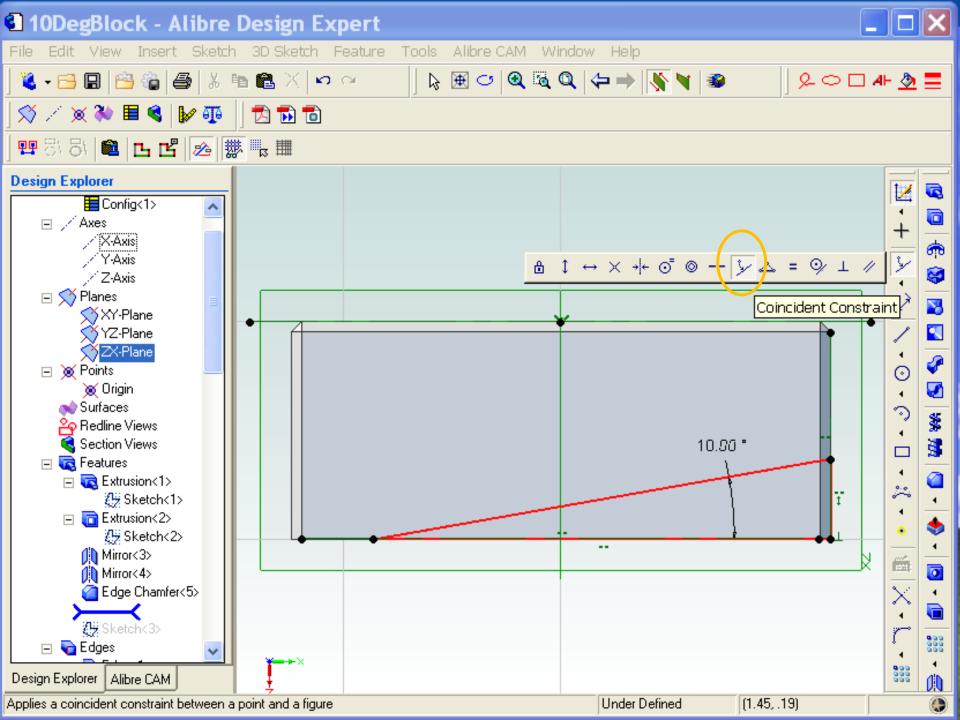


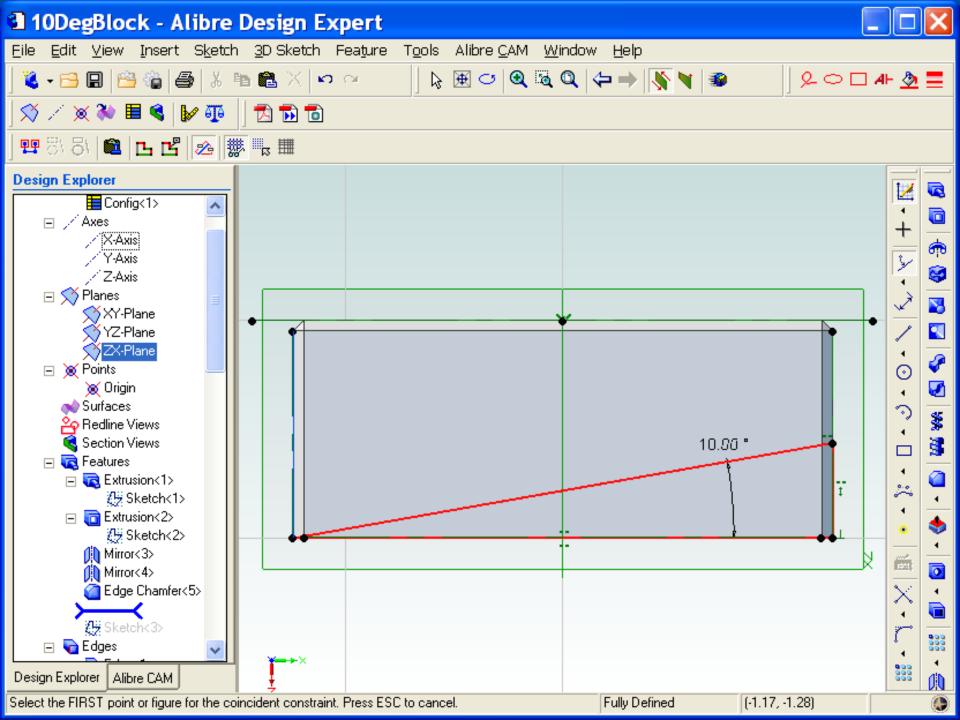






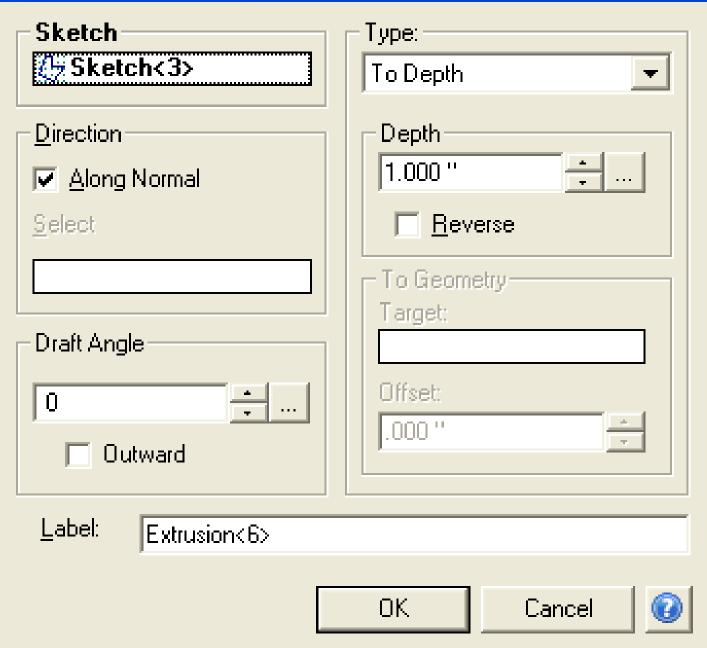


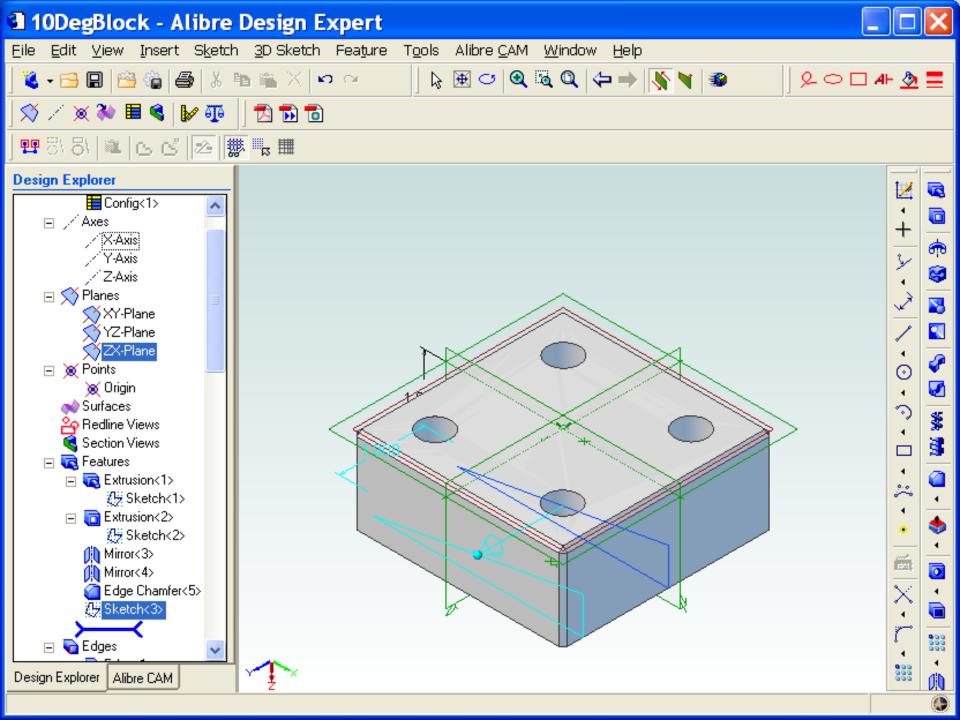




\varTheta Extrude Cut

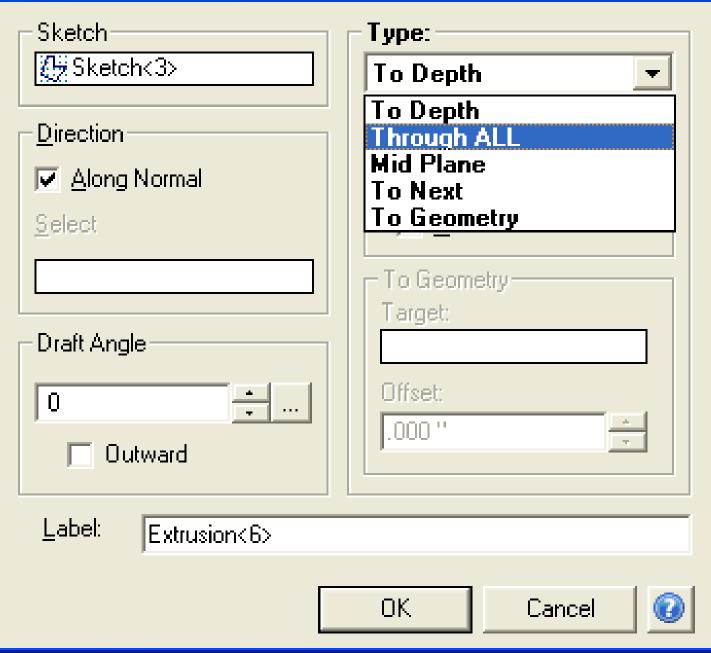


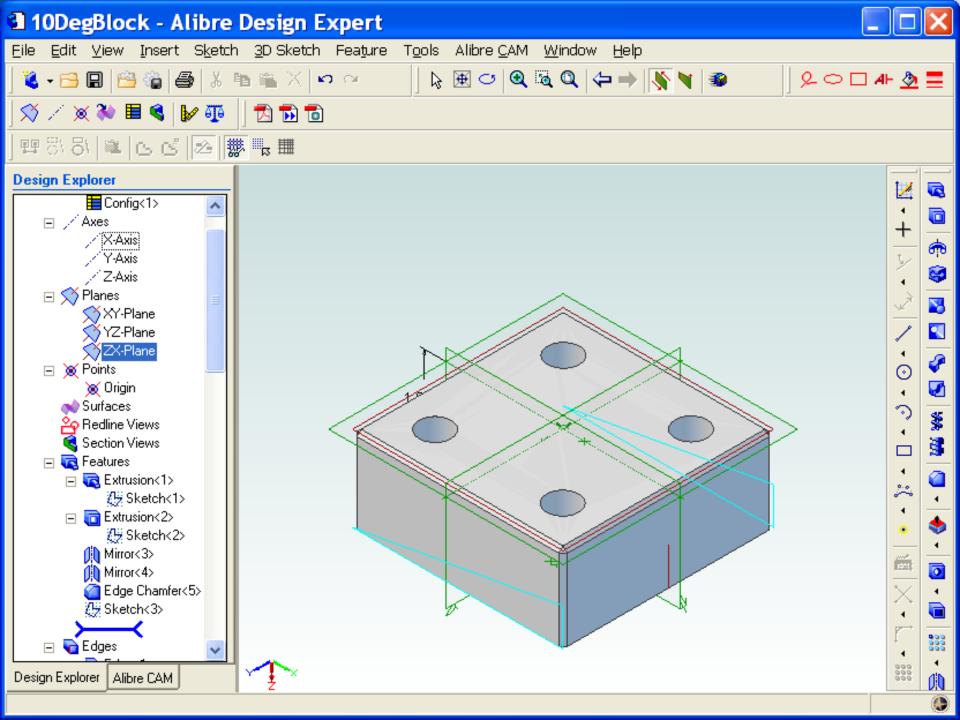


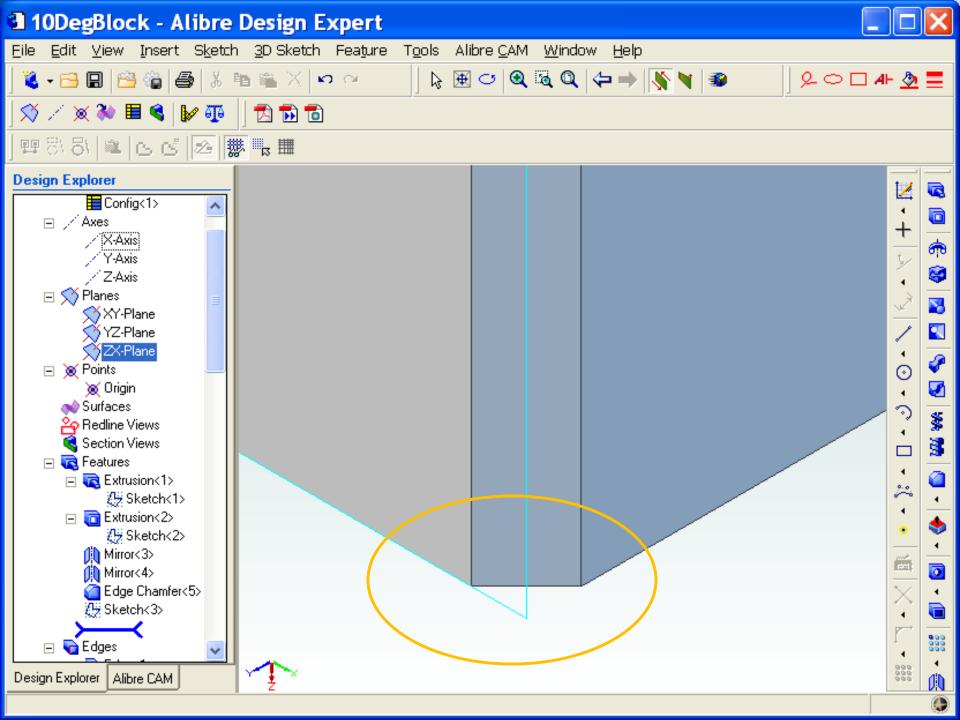


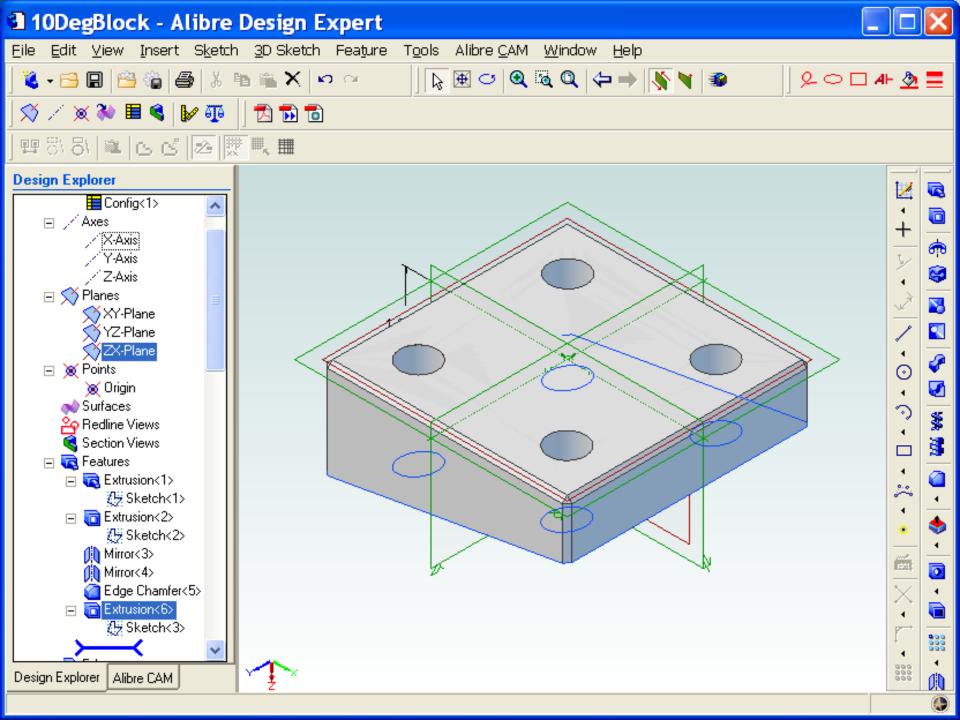
Θ Extrude Cut

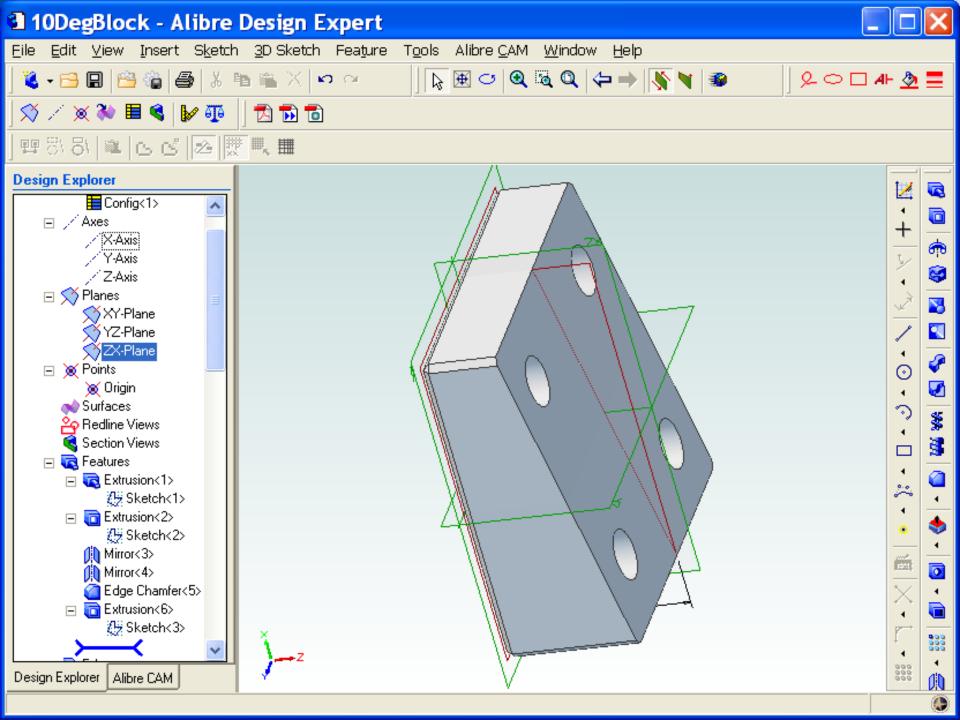


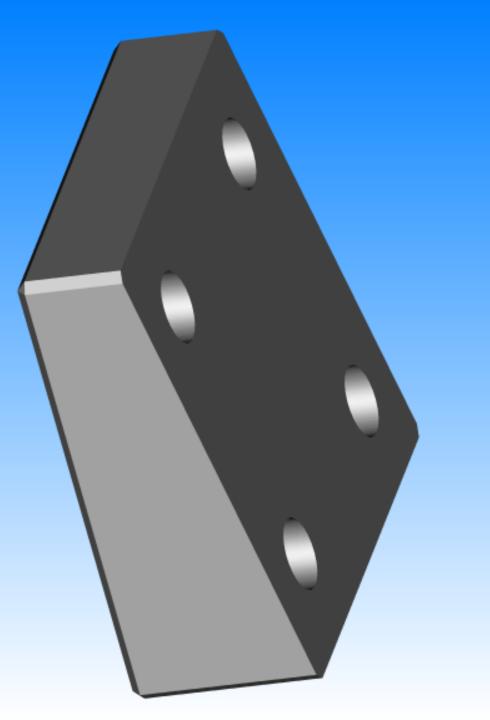


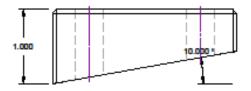


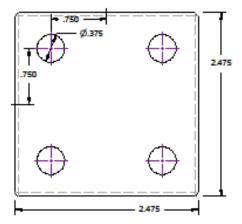


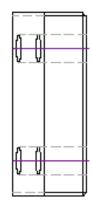












Orion Crew Module Mock-up

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