

# Complex Lofting and Surfacing Inside Autodesk® Inventor®: Designing Fishing Lures & Flies

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Solutions Consultant

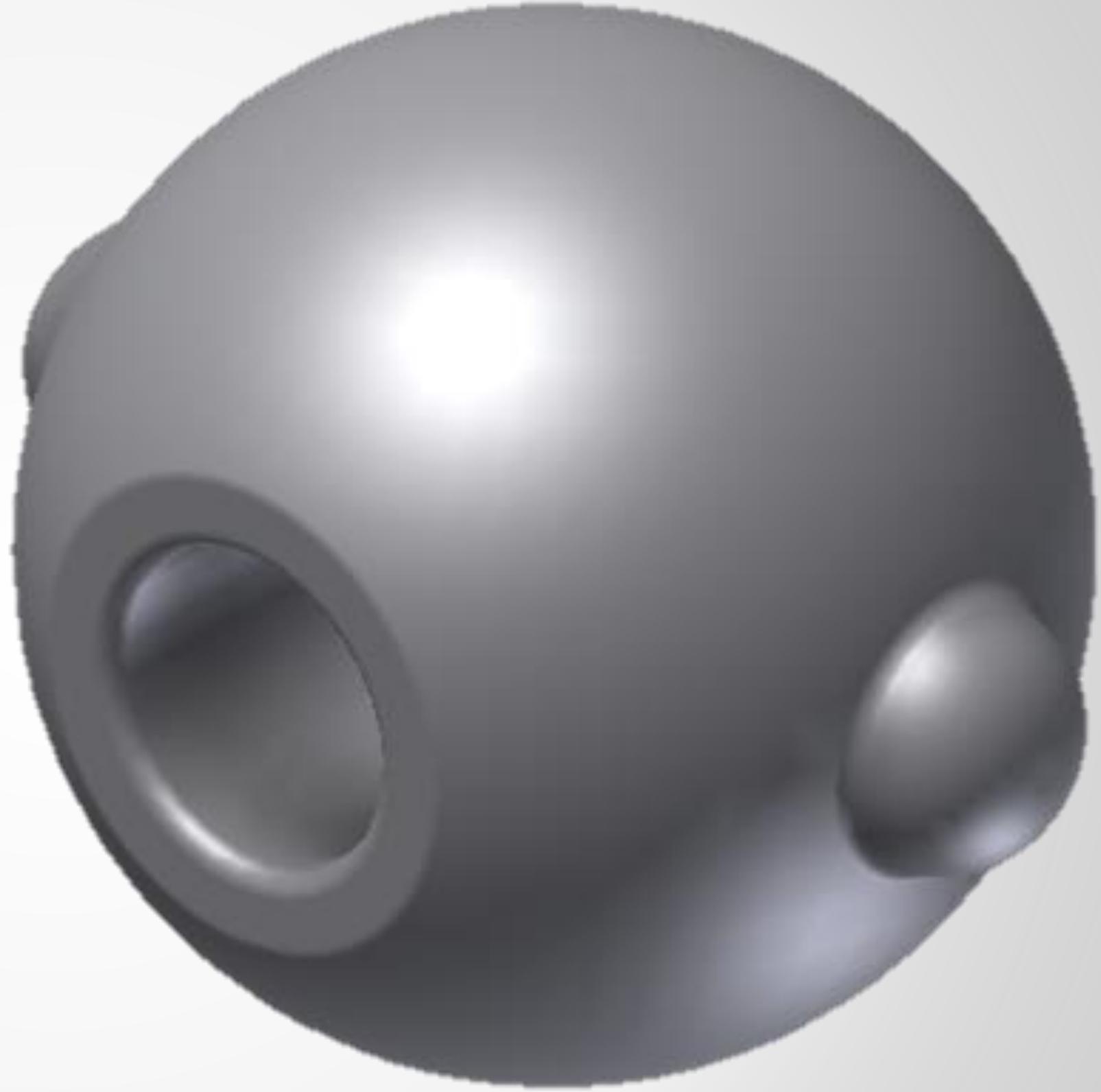


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# Key learning objectives

At the end of this class, you will be able to:

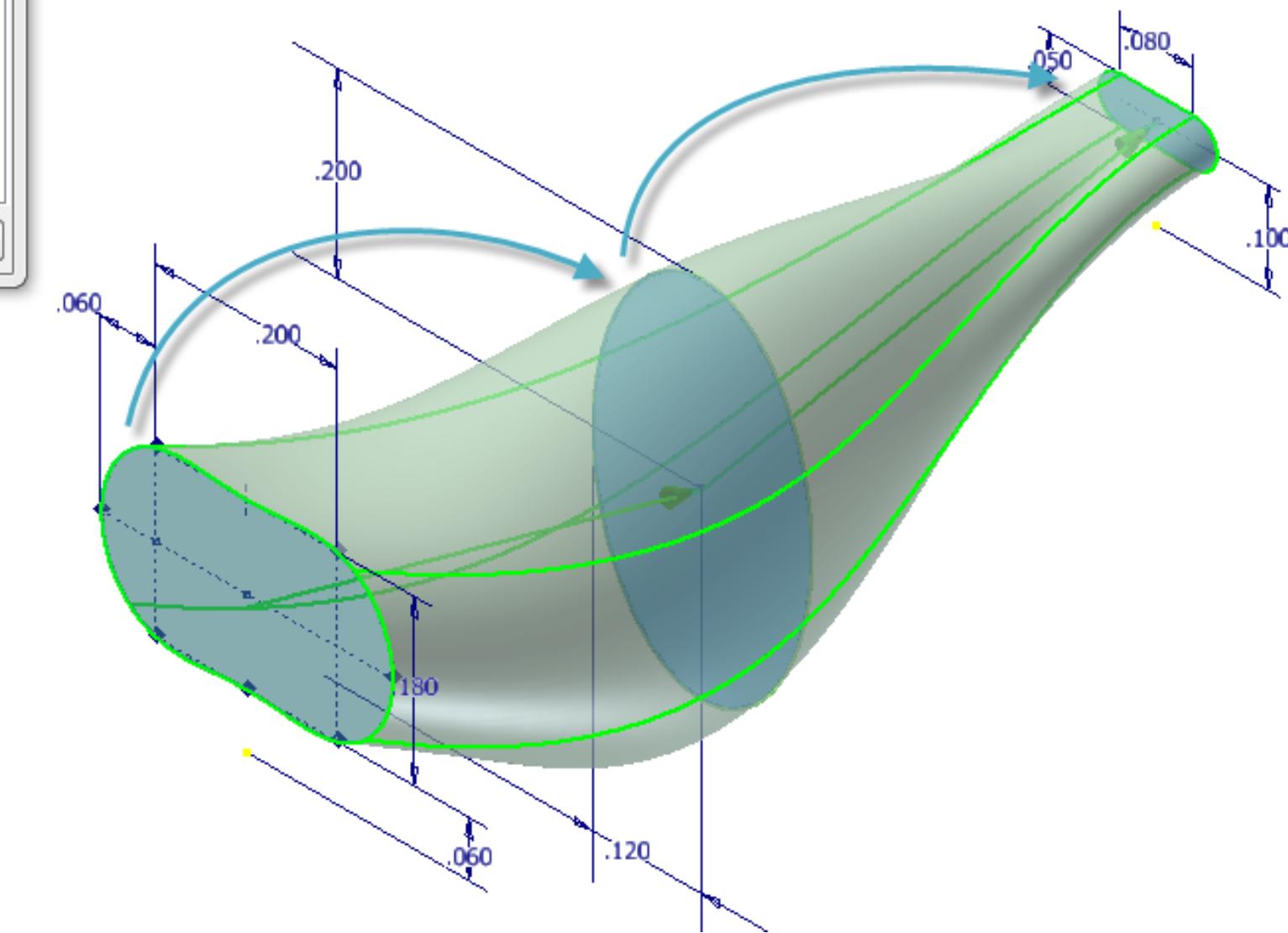
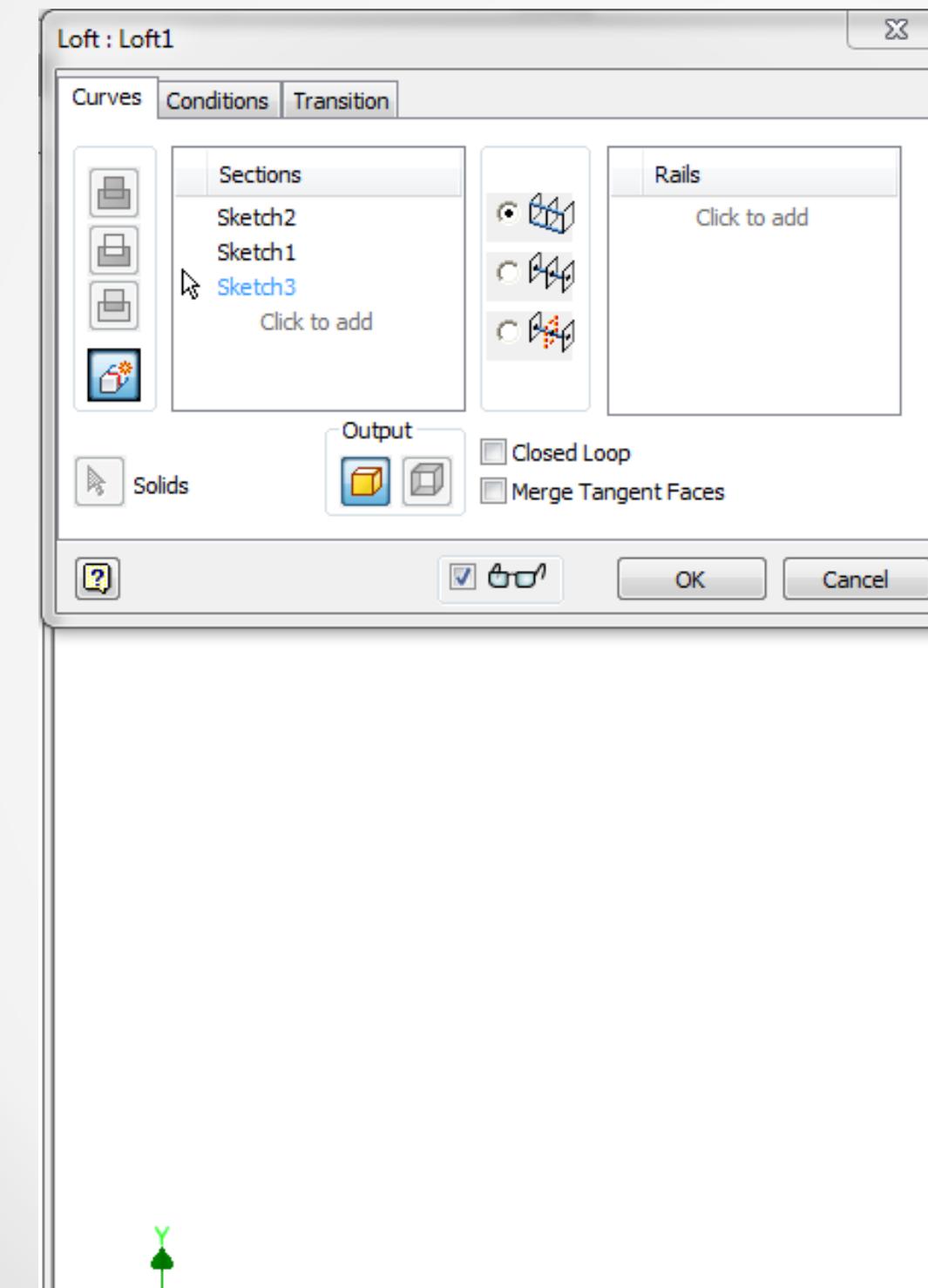
- Confidently use the Loft command
- Use surfaces to get your desired results instead of fighting with feature failure
- Bring your ideas to life by modeling from hand-drawn sketches and model surfaces from hand-drawn sketches
- Confidently create organic shapes

# Confidently use the Loft command in your designs



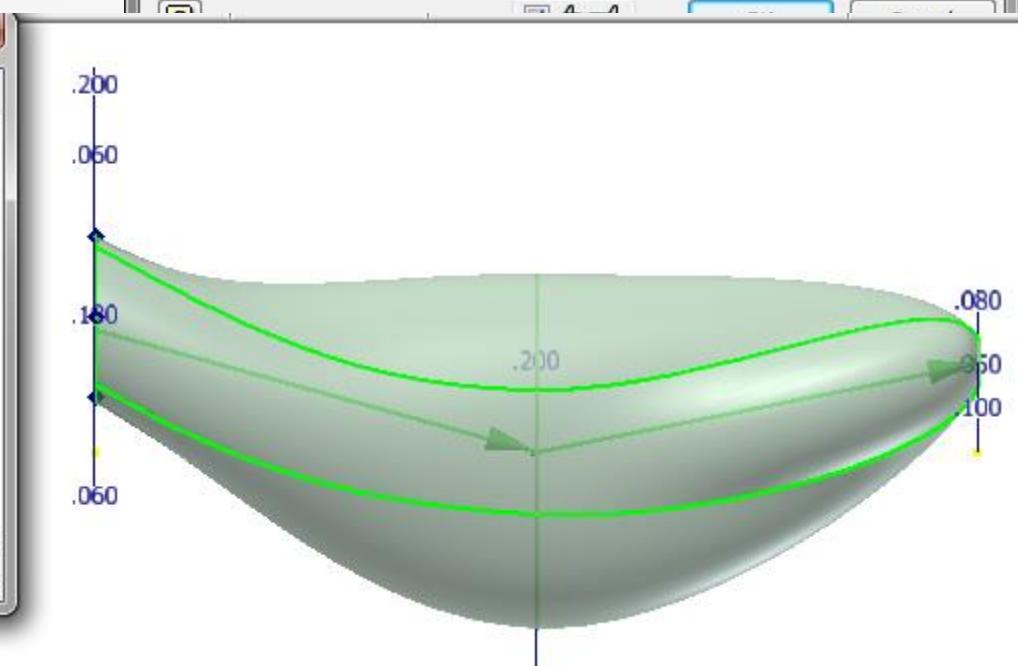
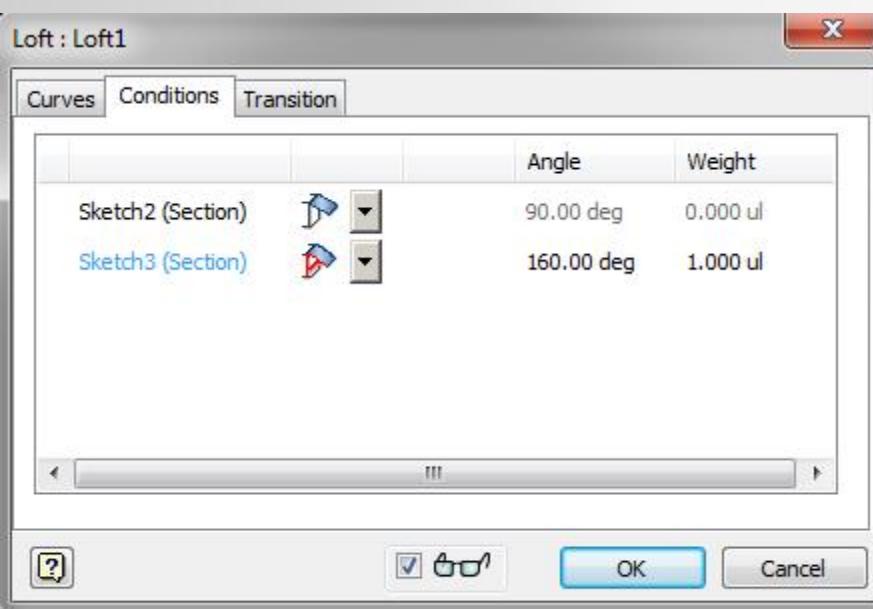
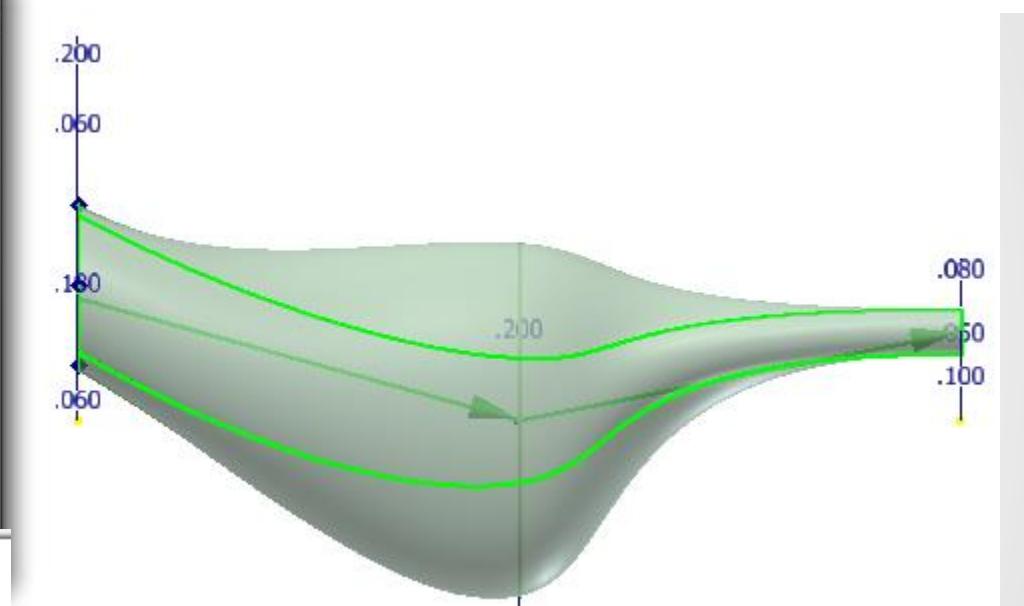
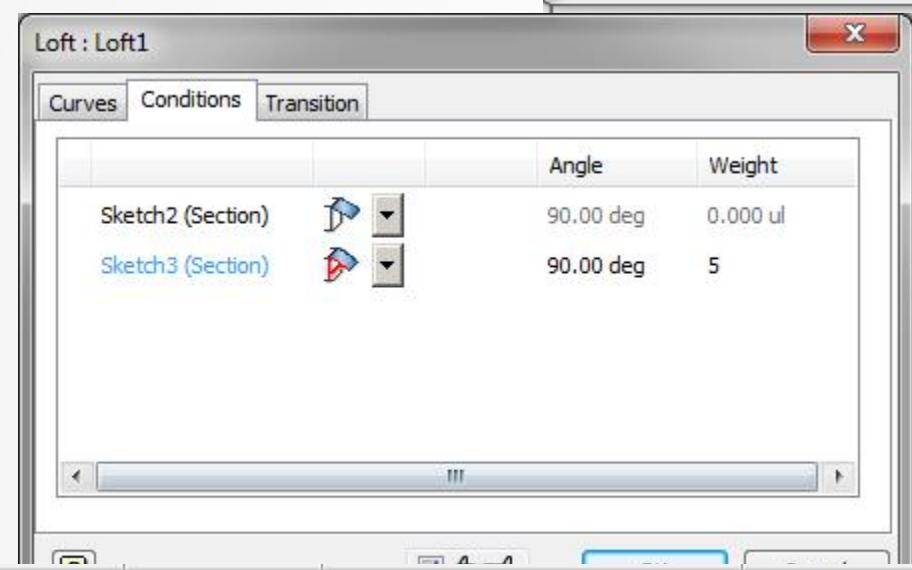
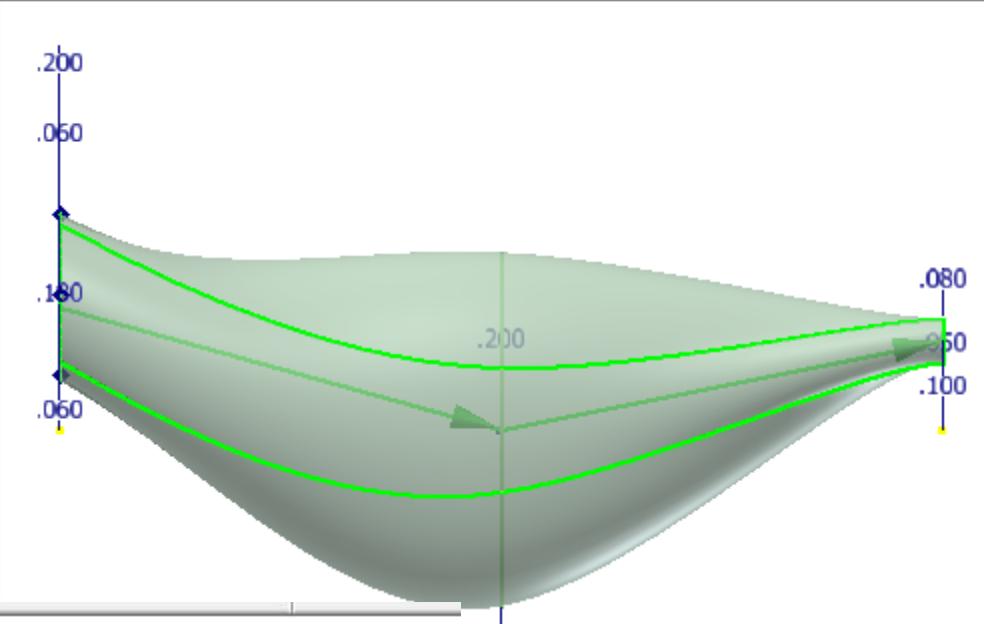
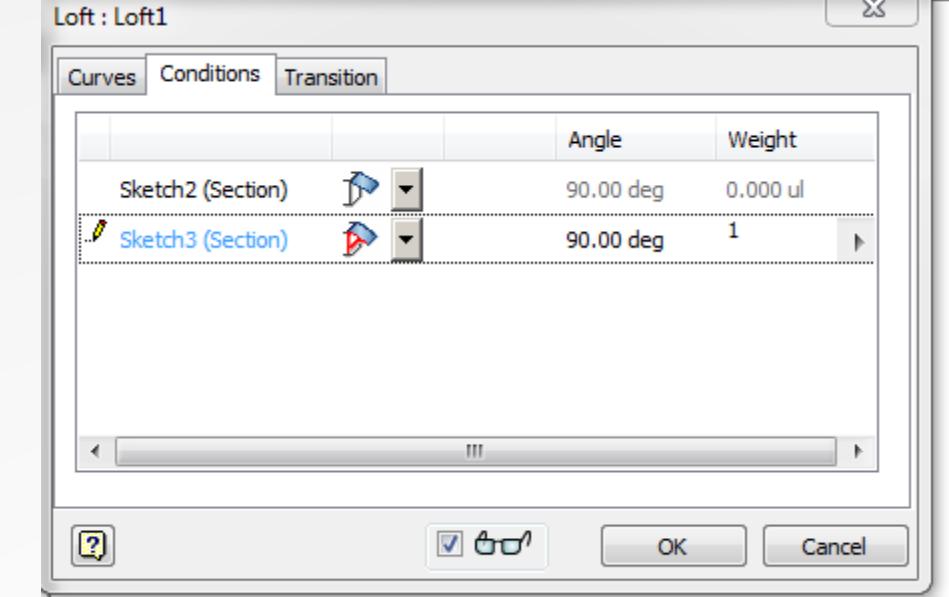
# Basic Loft

## Loft



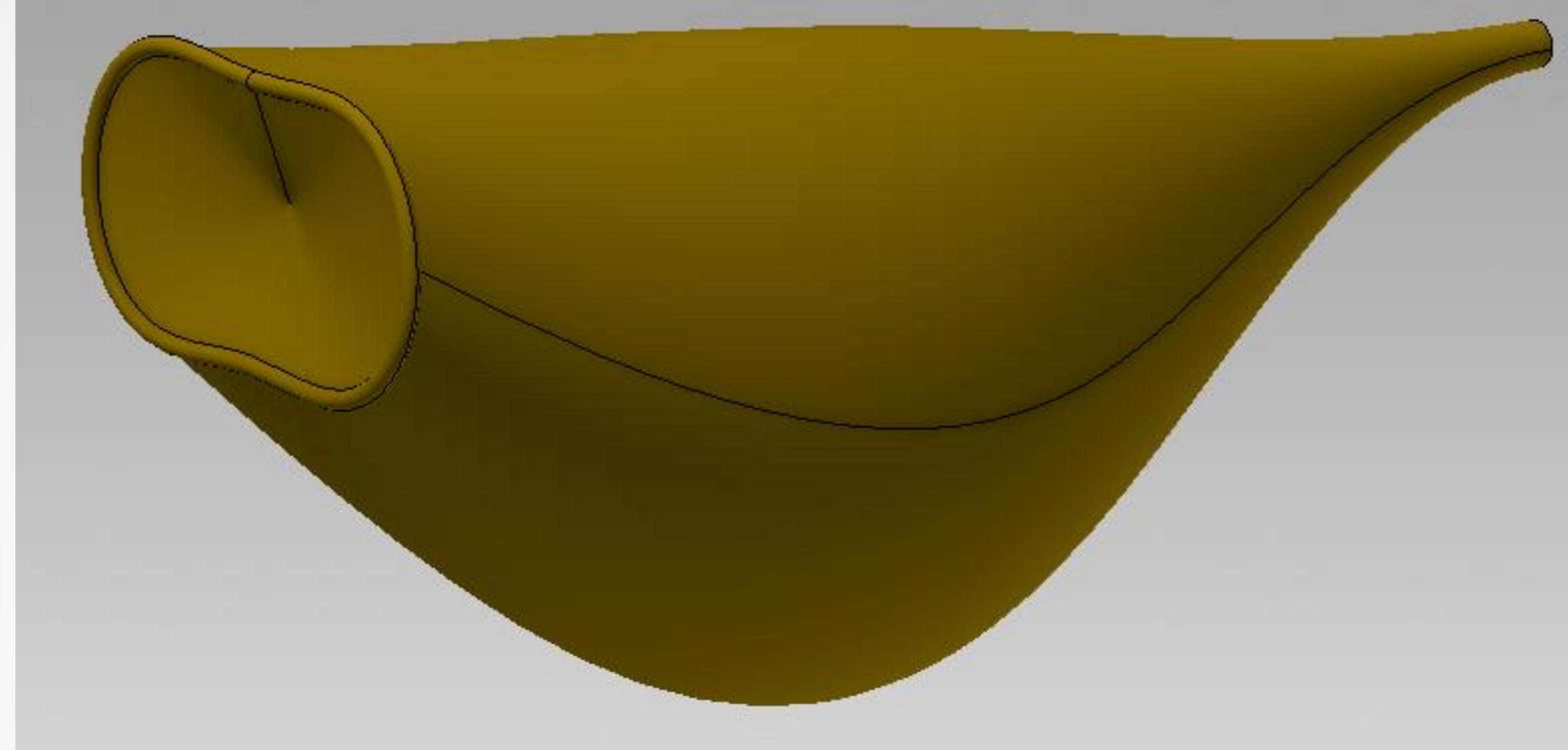
# Basic Loft

- Loft
  - Conditions



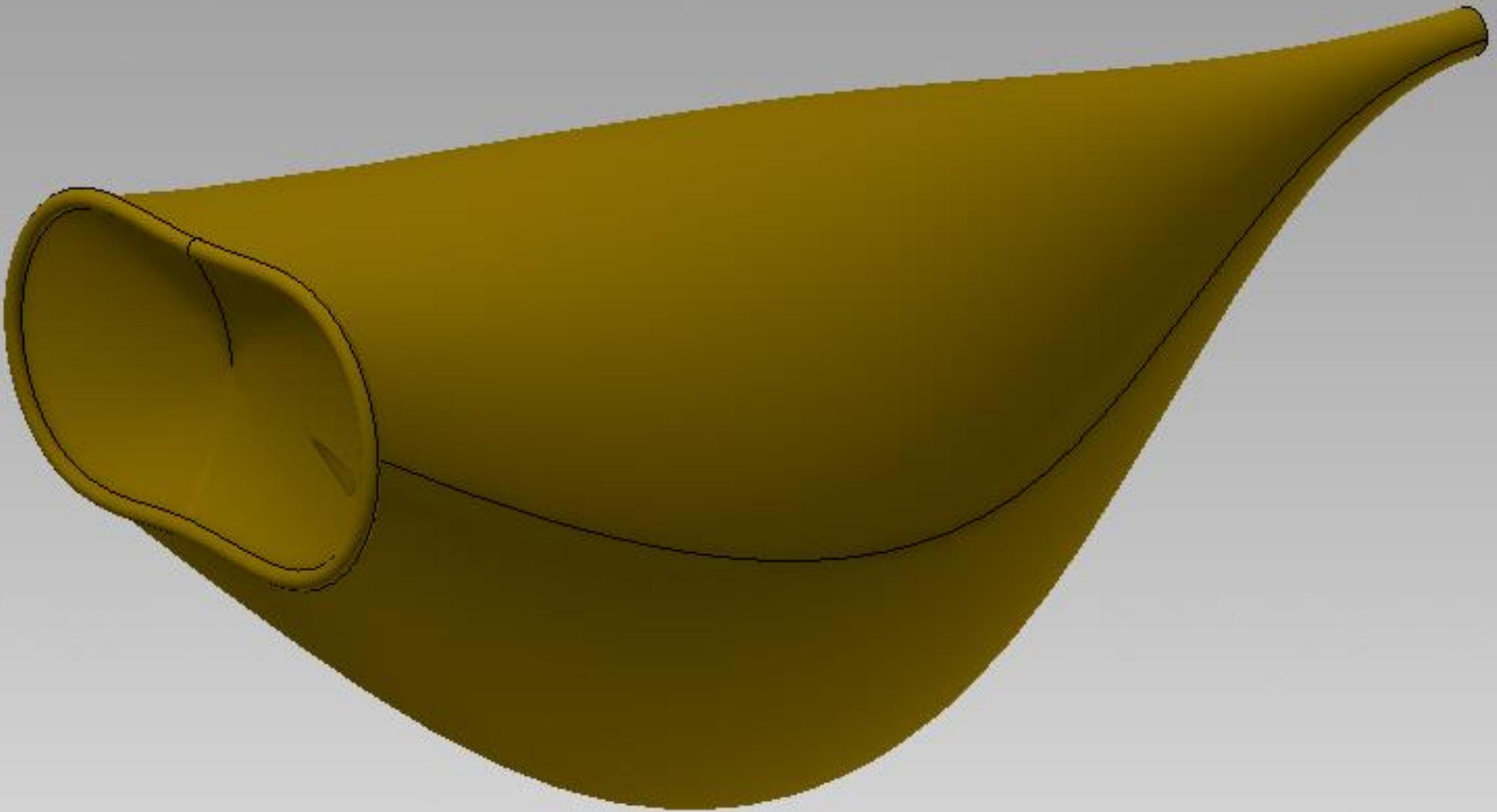
# Basic Loft

- Loft
  - Conditions
- Loft to a point



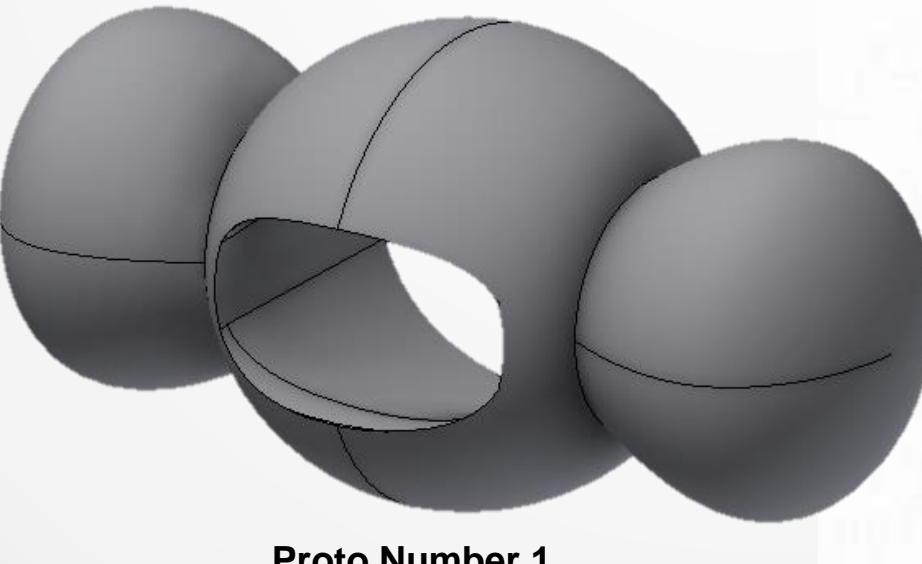
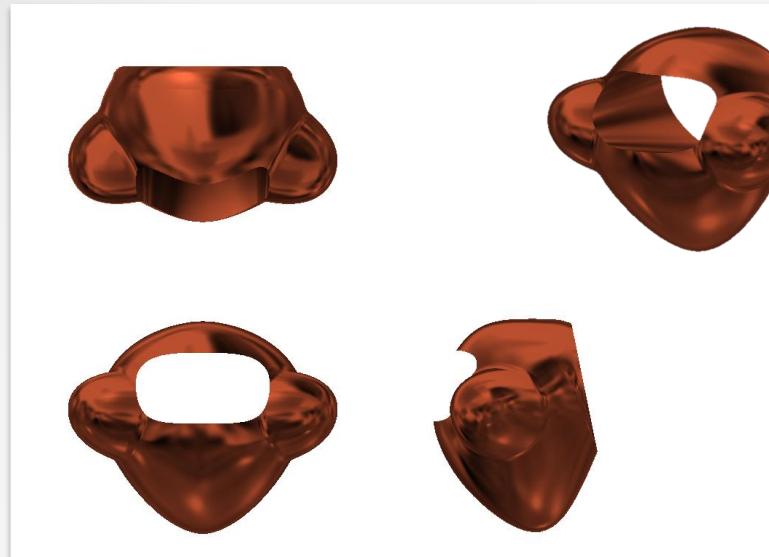
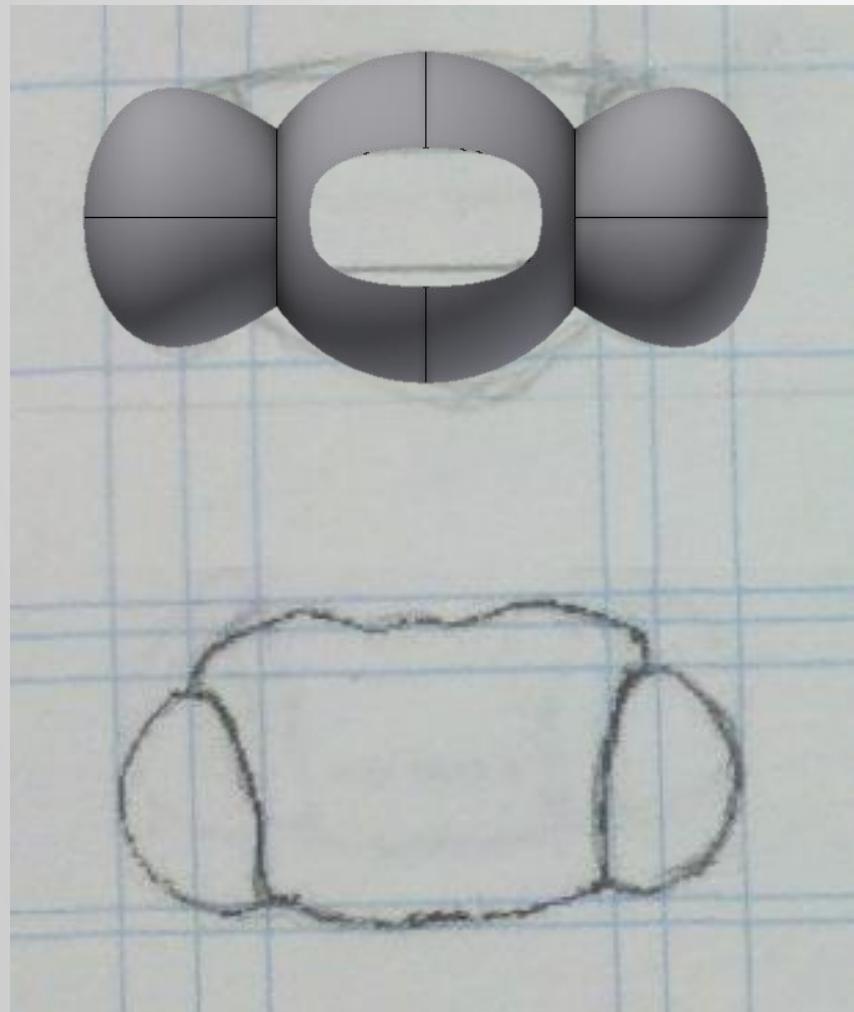
# Basic Loft

- Loft
  - Conditions
- Loft to a point
  - Point Conditions



# Basic Loft

- Loft
  - Conditions
- Loft to a point
  - Point Conditions



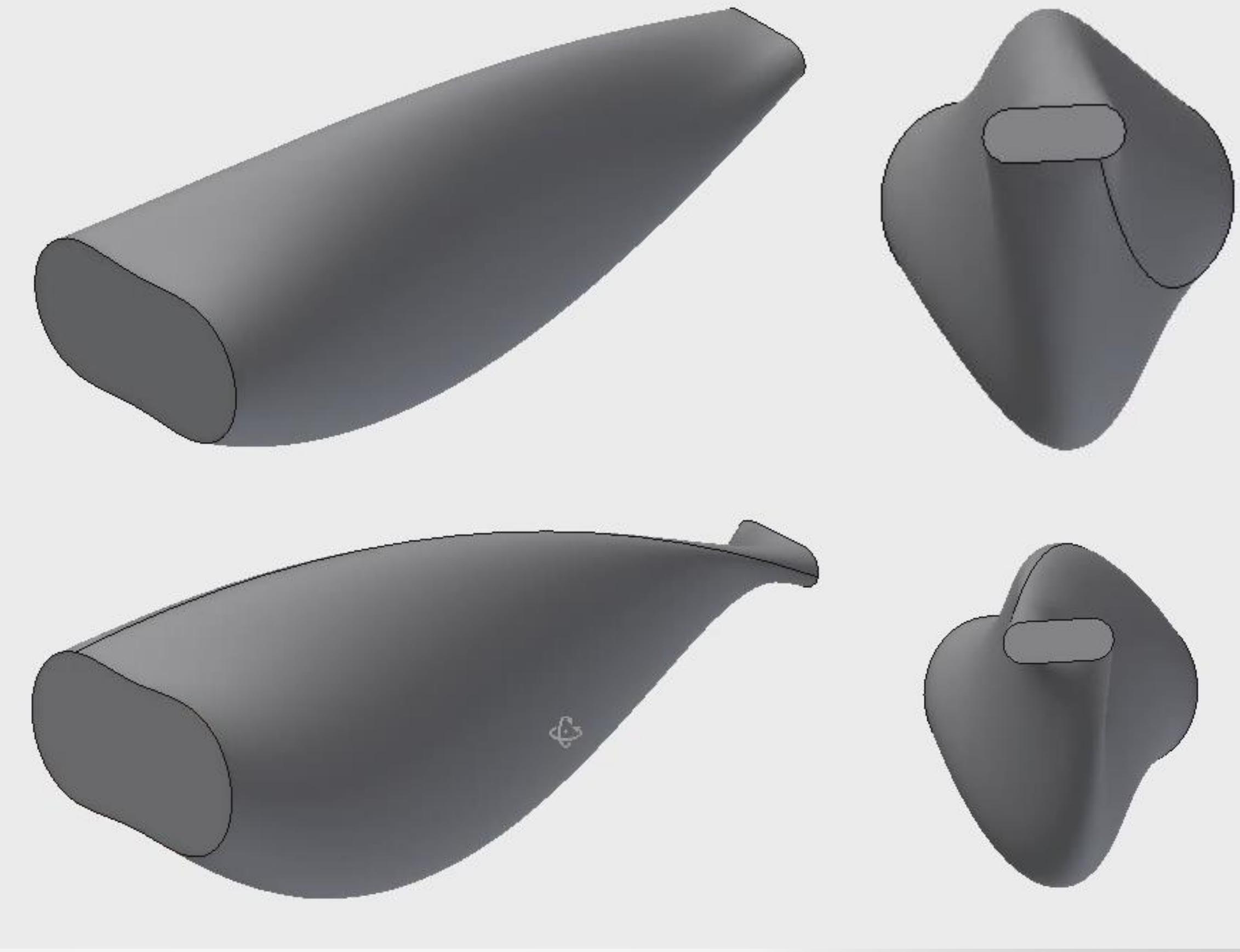
Proto Number 1





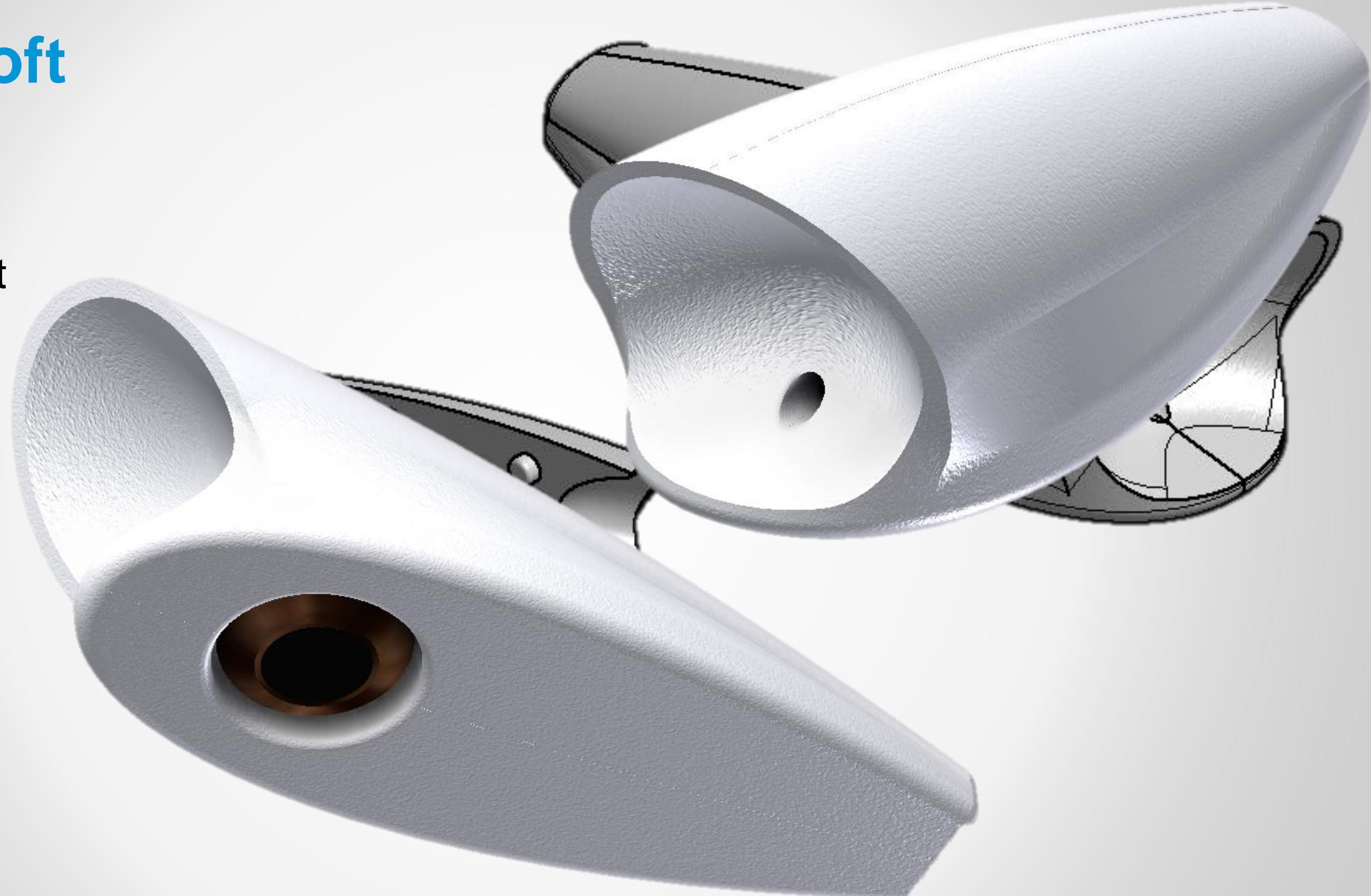
# Basic Loft

- Loft
  - Conditions
- Loft to a point
  - Conditions
- Transitions



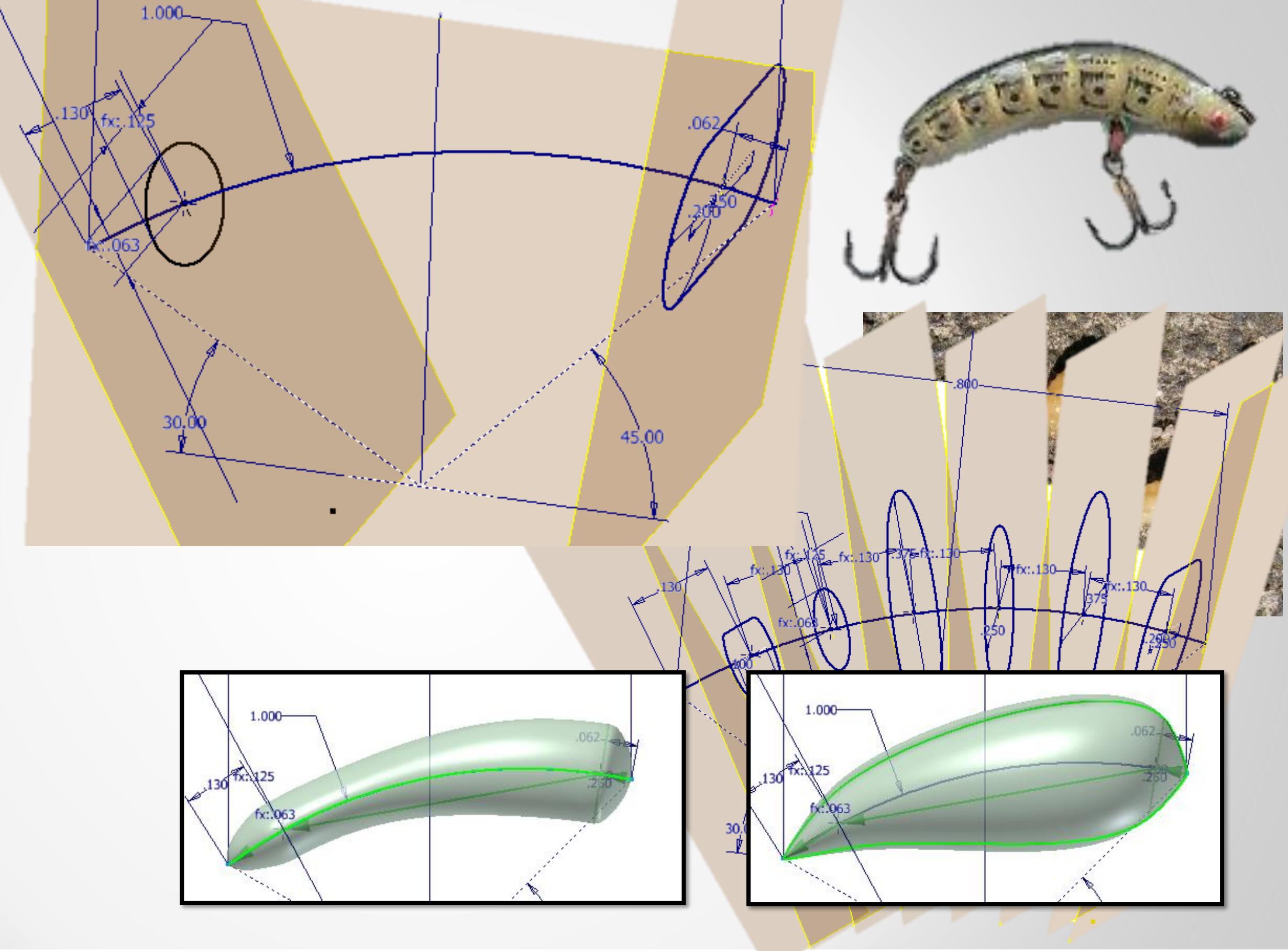
# Basic Loft

- Loft
  - Conditions
- Loft to a point
  - Conditions
- Transitions
- Rails



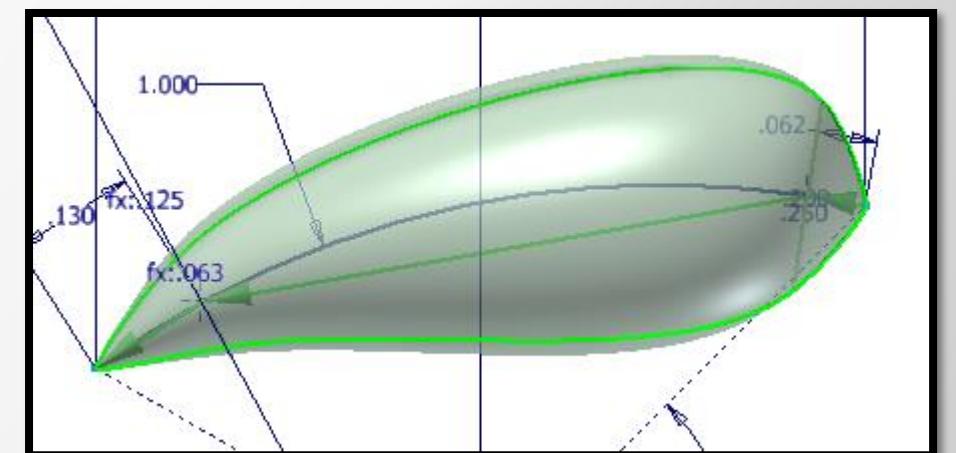
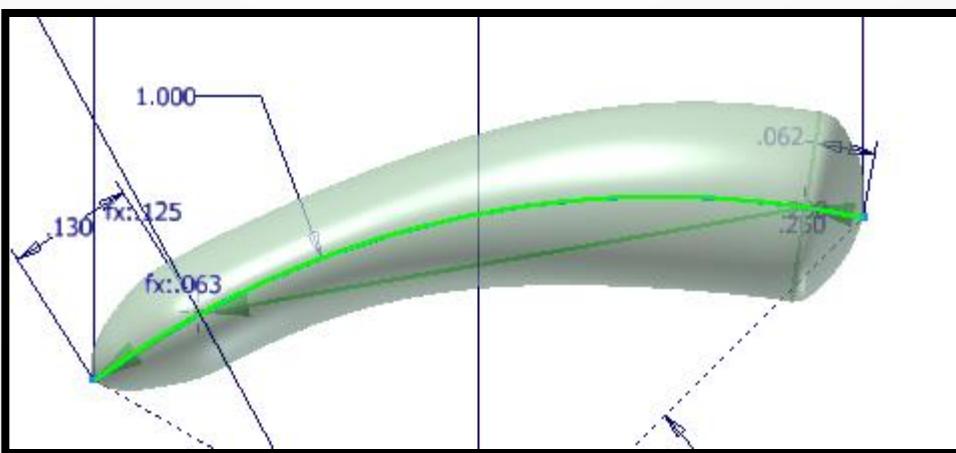
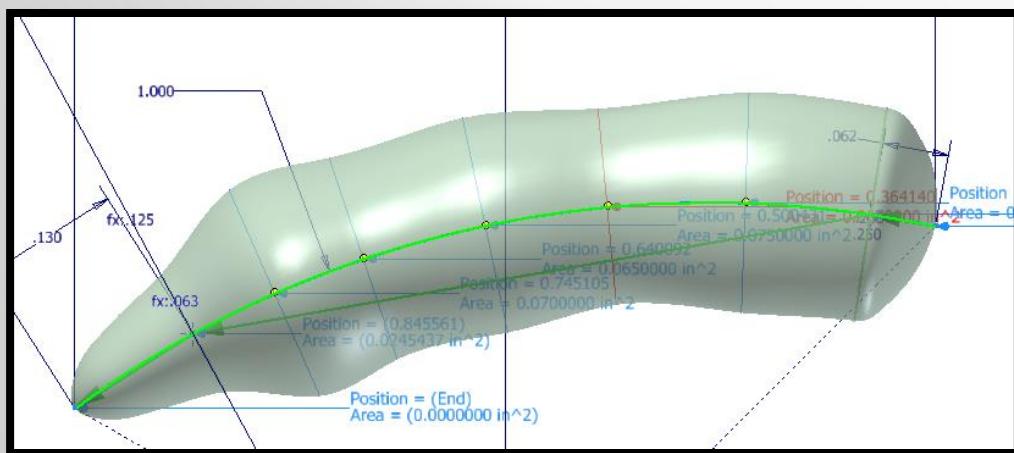
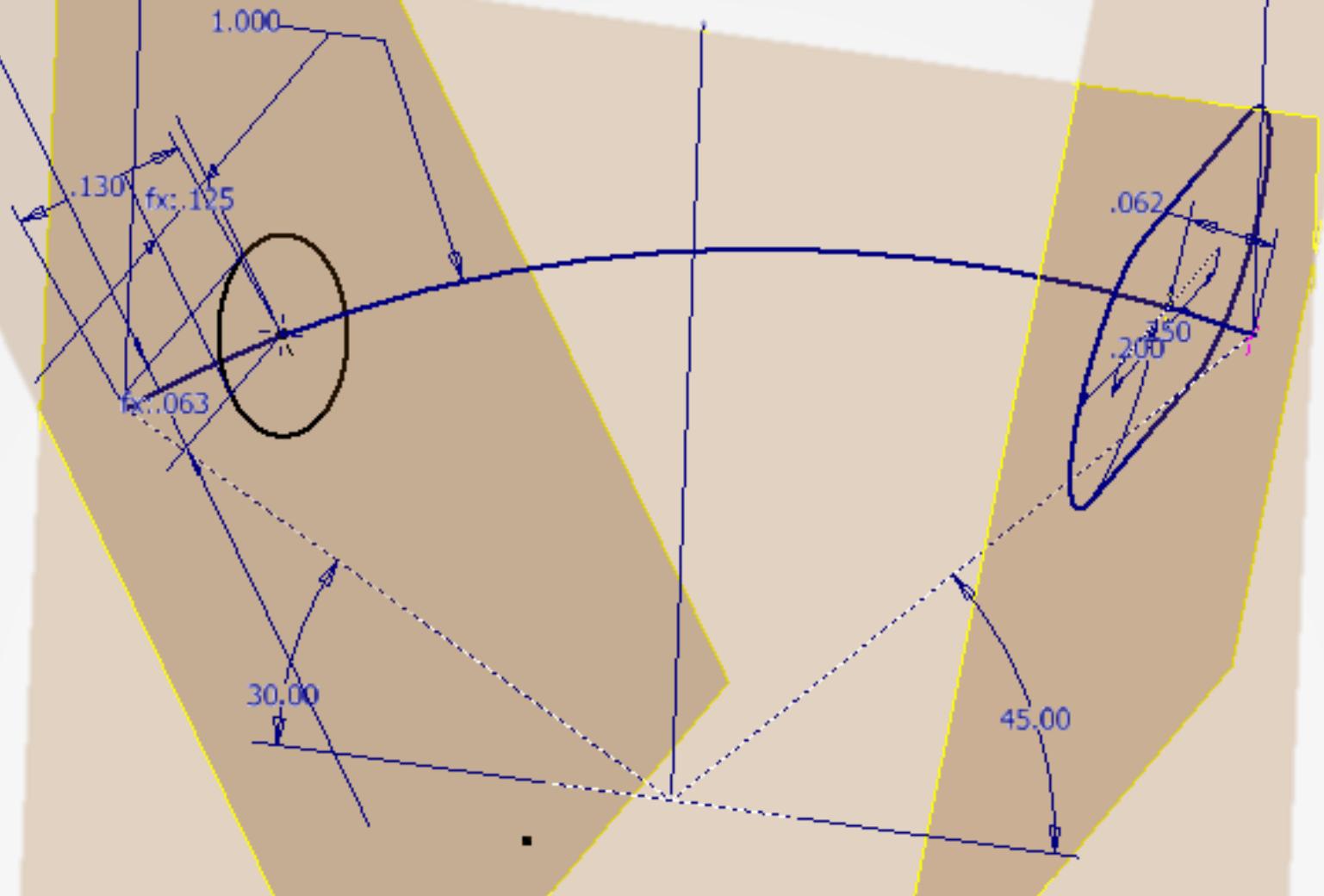
# Basic Loft

- Loft
  - Conditions
- Loft to a point
  - Conditions
- Transitions
- Rails
- Centerline



# Basic Loft

- Loft
  - Conditions
- Loft to a point
  - Conditions
- Transitions
- Rails
- Centerline
- Area



Use surfaces to get your desired results instead of  
fighting with feature failure

Use surfaces to get your desired results  
instead of fighting with feature failure



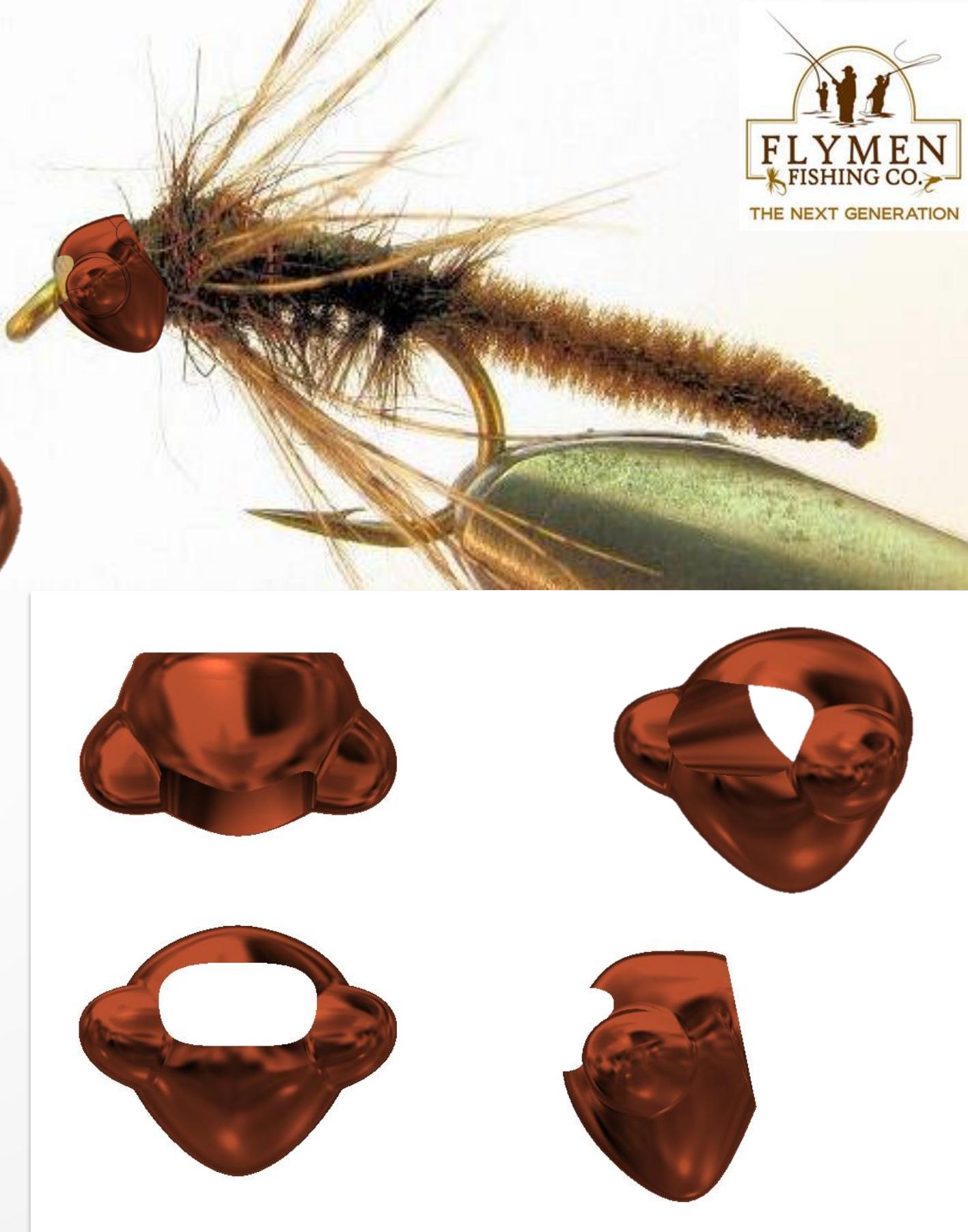
Photo courtesy of the Meades Family <http://www.meades.org/>



# Use surfaces to get your desired results instead of fighting with feature failure



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Taken by Lou Verdugo



Bring your ideas to life by modeling from hand-drawn sketches and model surfaces from hand-drawn sketches



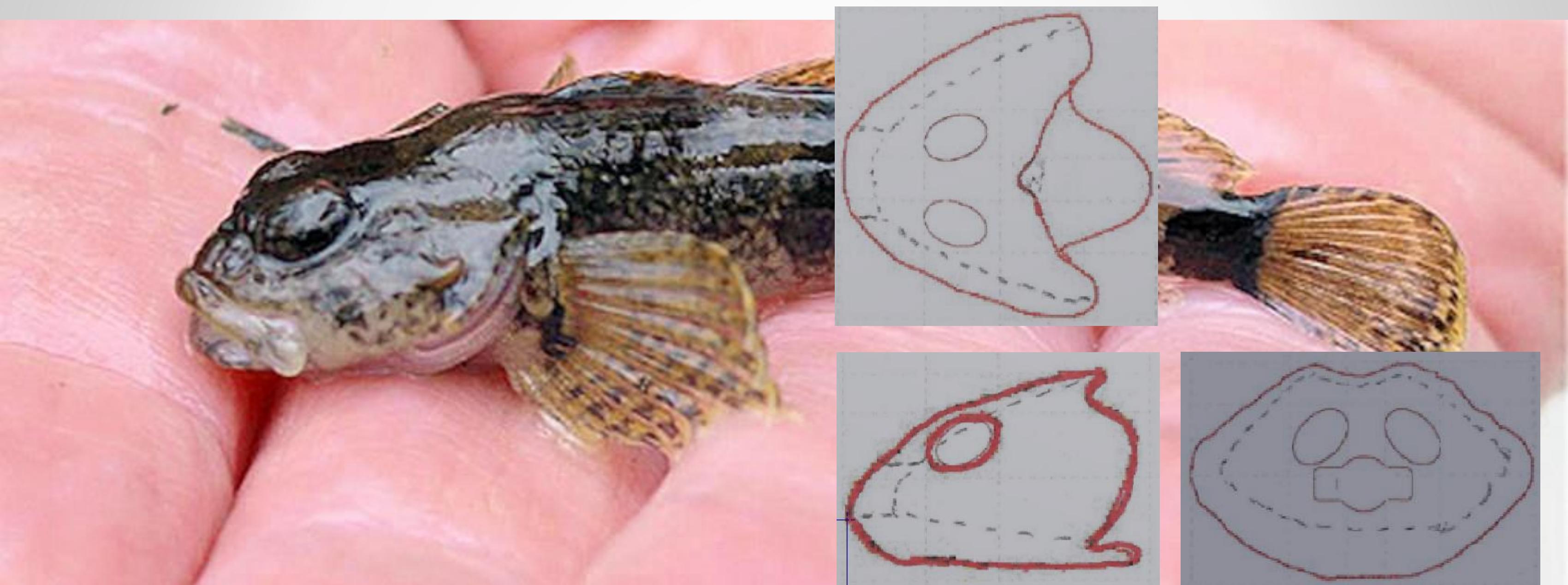
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Bring your ideas to life by modeling from hand-drawn sketches and model surfaces from hand-drawn sketches



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Bring your ideas to life by modeling from hand-drawn sketches and model surfaces from hand-drawn sketches





# Confidently create organic shapes



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