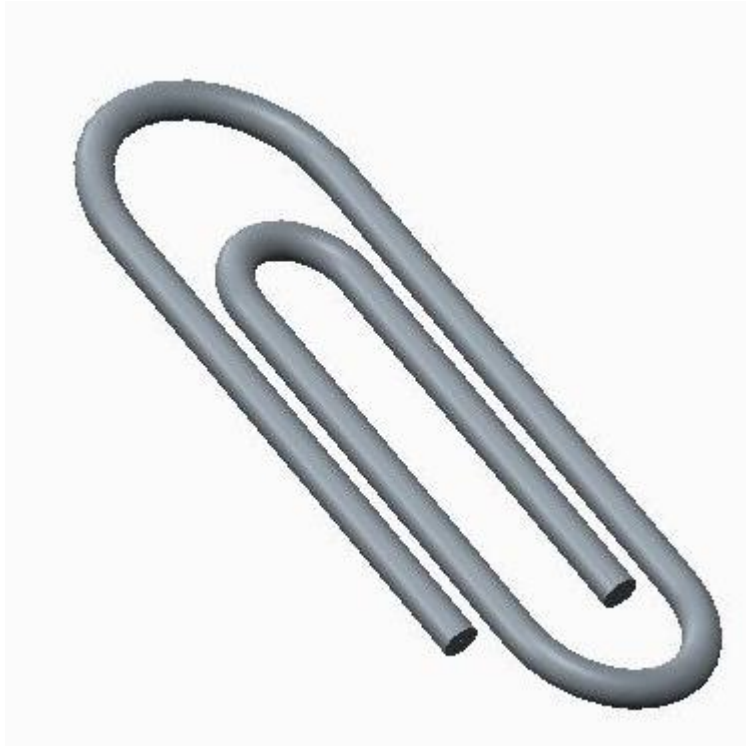# Lab 05

Advanced Parts: Sweep, Helical Sweep and Blend

Dr. Mohammad A Gharaibeh
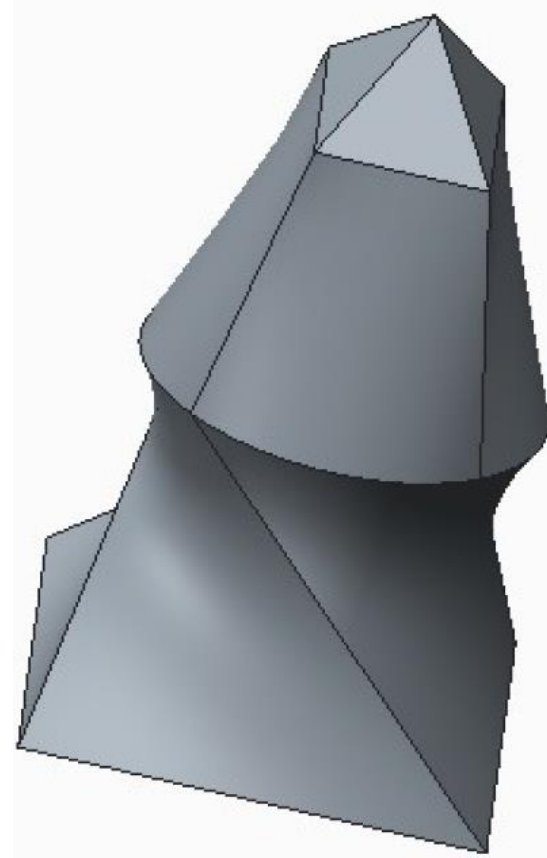
Sweep, Helical Sweep and Blend

Sweep: Path and Section
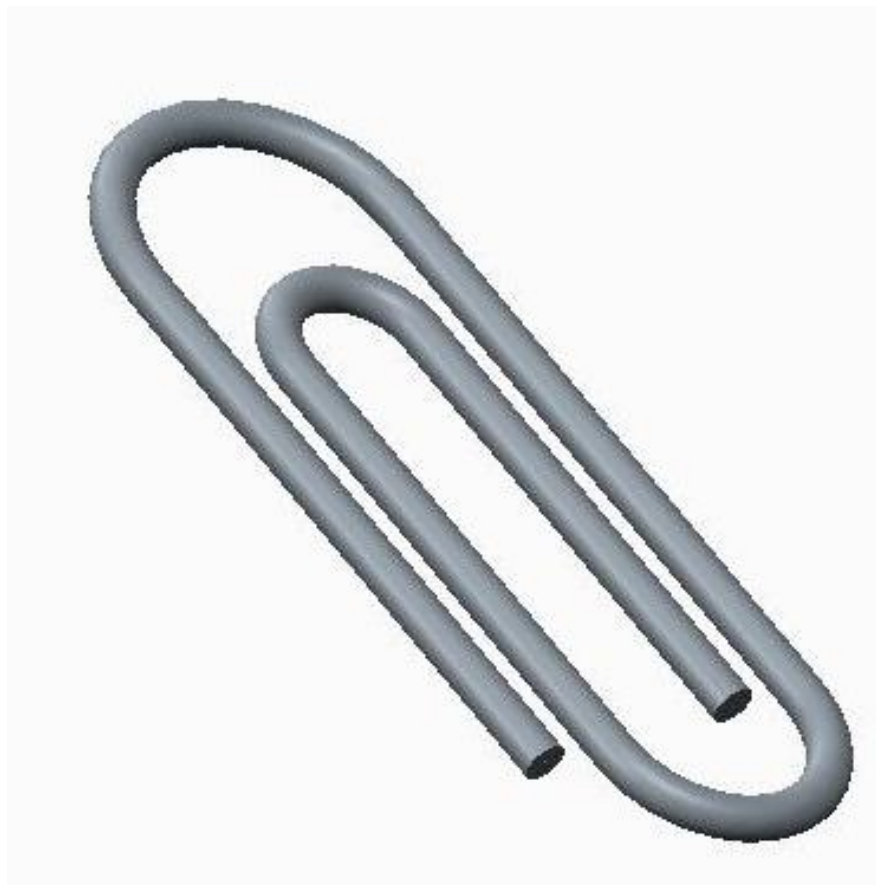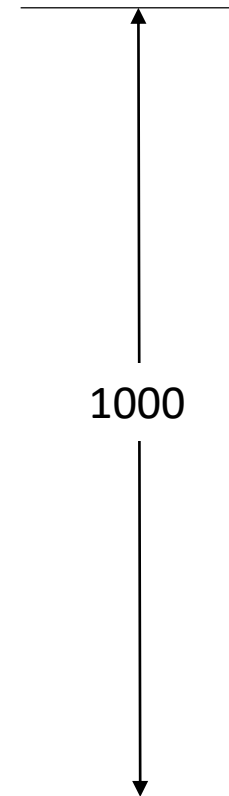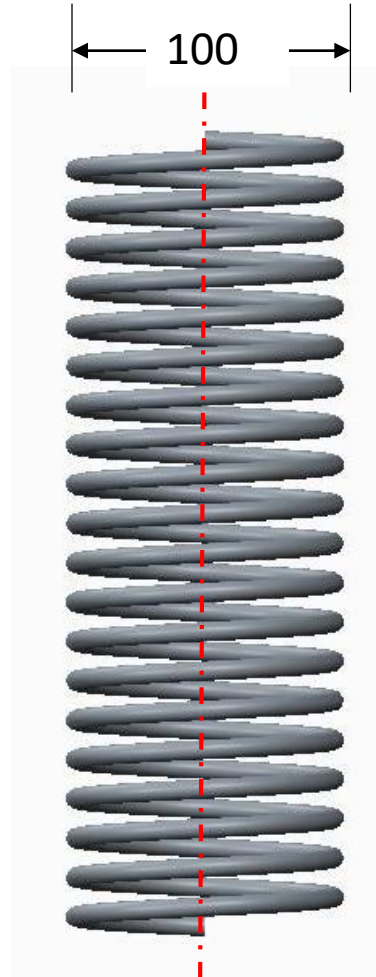
Helical Sweep: Helical Path and Section

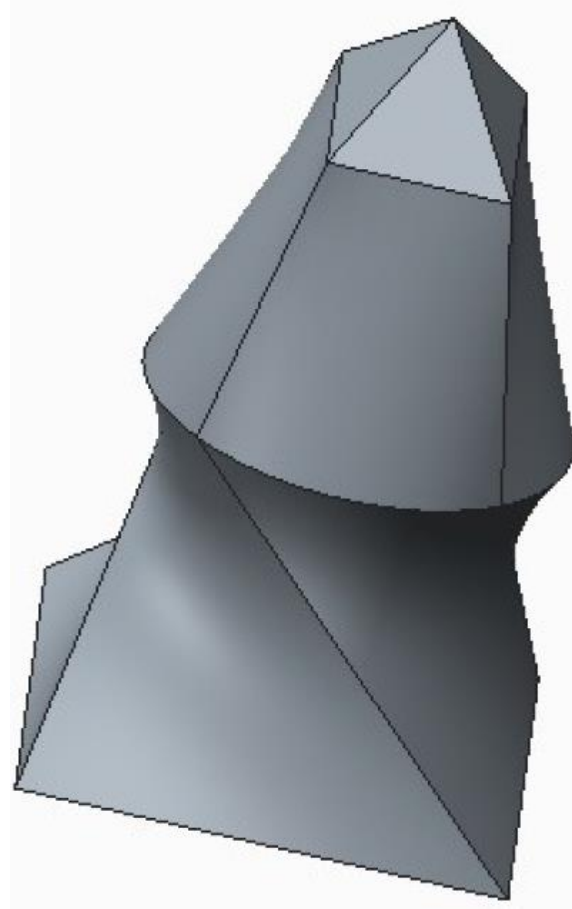**Blend**: Merging (blending) two or more sections

Sweep: Paper Clip

Helical Sweep: Spring

Number of loops = 20
Pitch = 1000/10 = 50

Blend: Drill Head

Homework

Estimate dimensions for this part and
draw it using CREO Parametric Software

1 ➔ Sweep
2 ➔ Blend
3 ➔ Helical sweep
4 ➔ Extrude