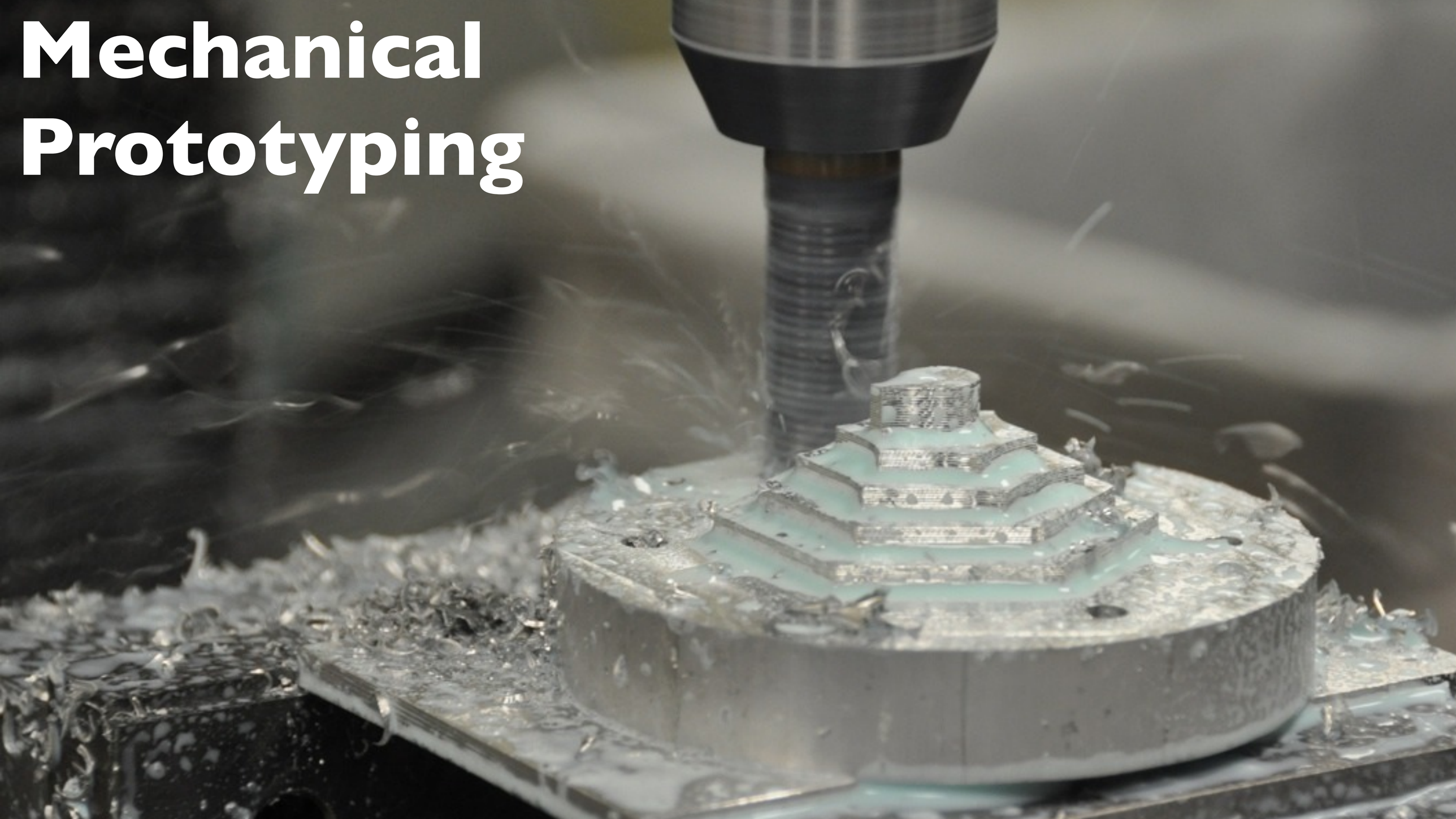
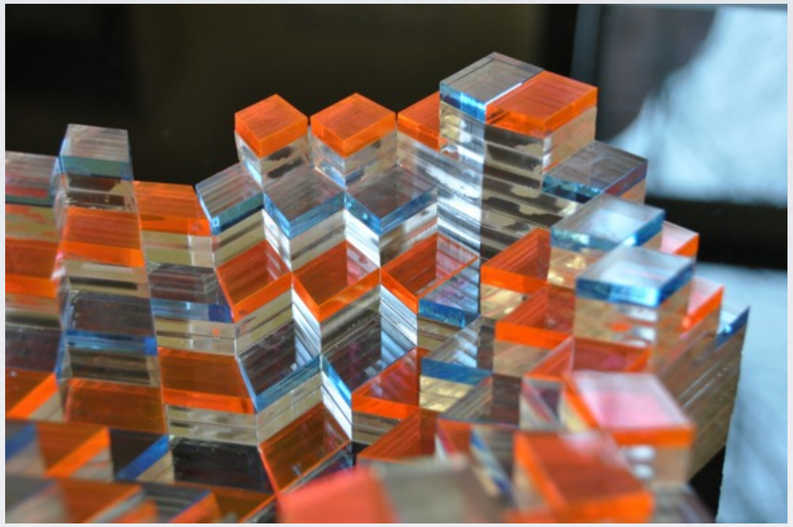
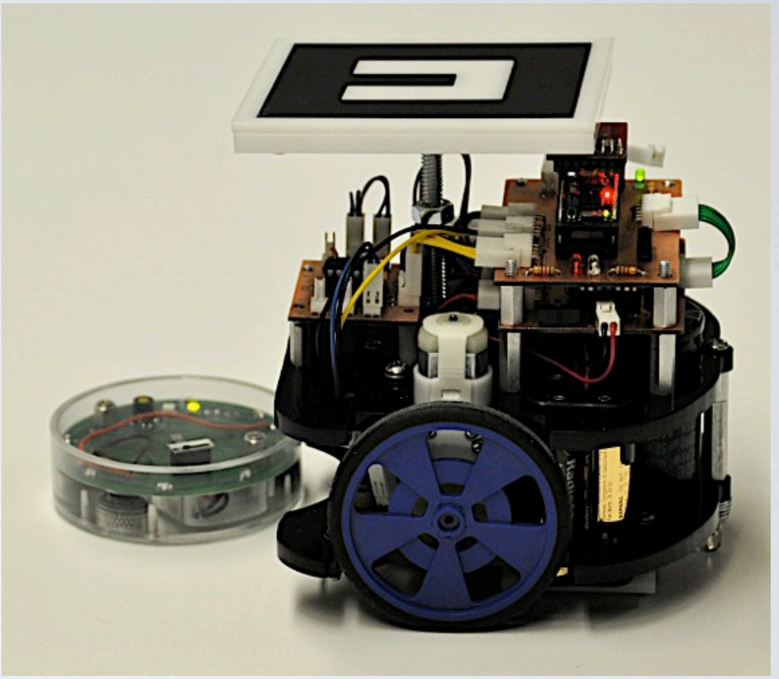
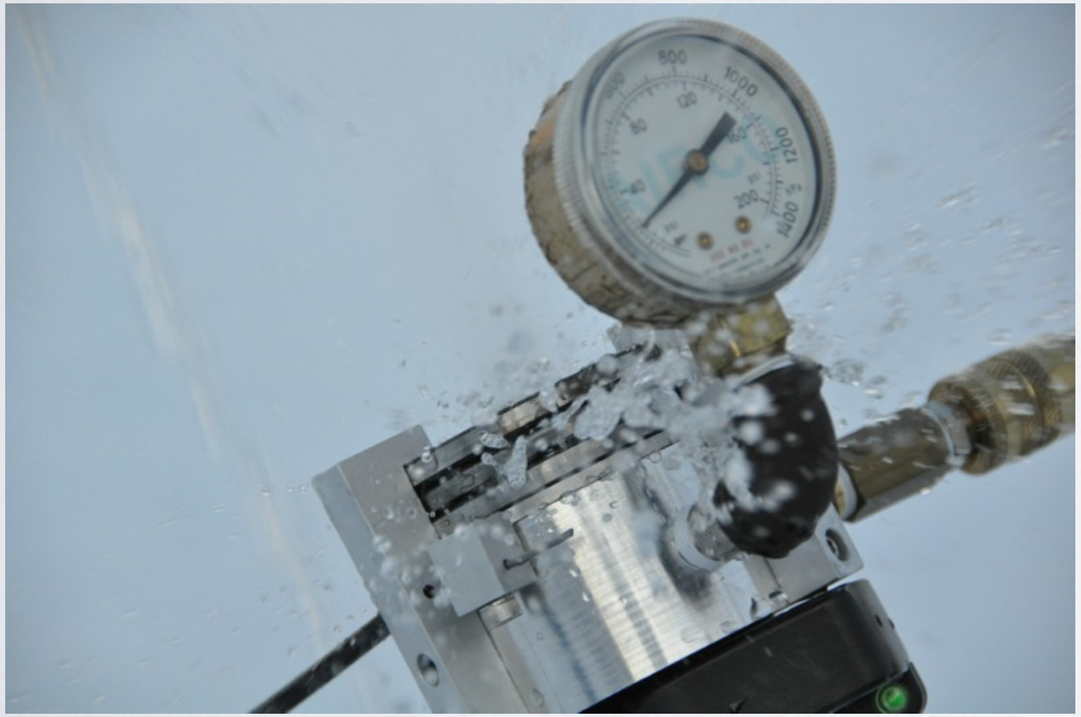
Mechanical Prototyping

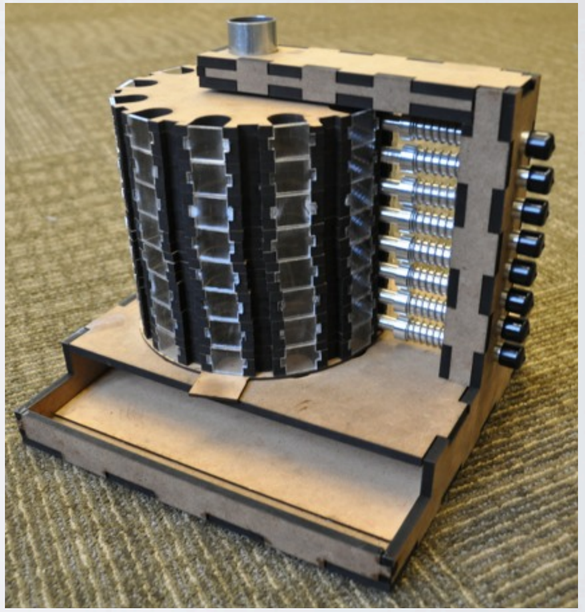


material considerations

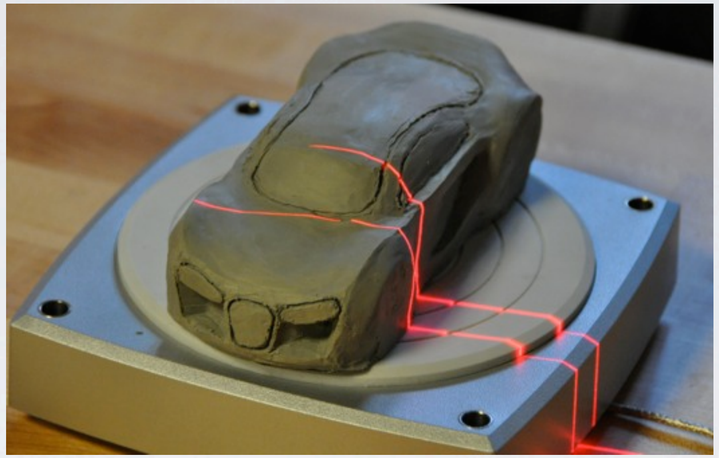


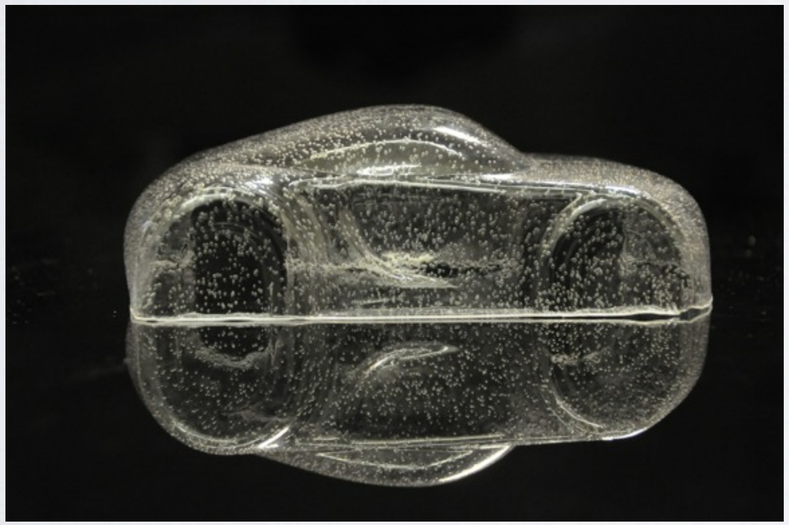


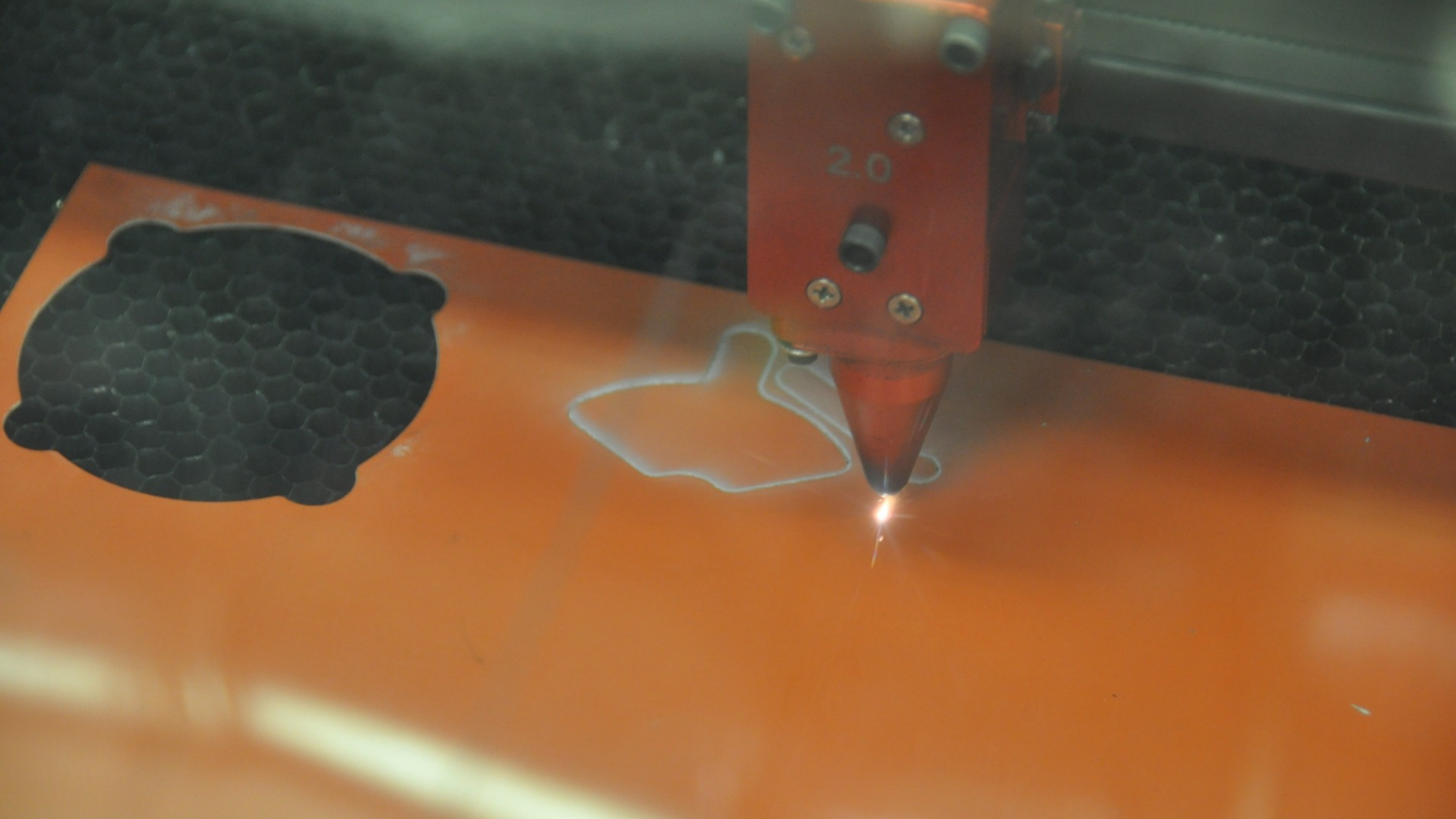




material considerations
equipment capabilities

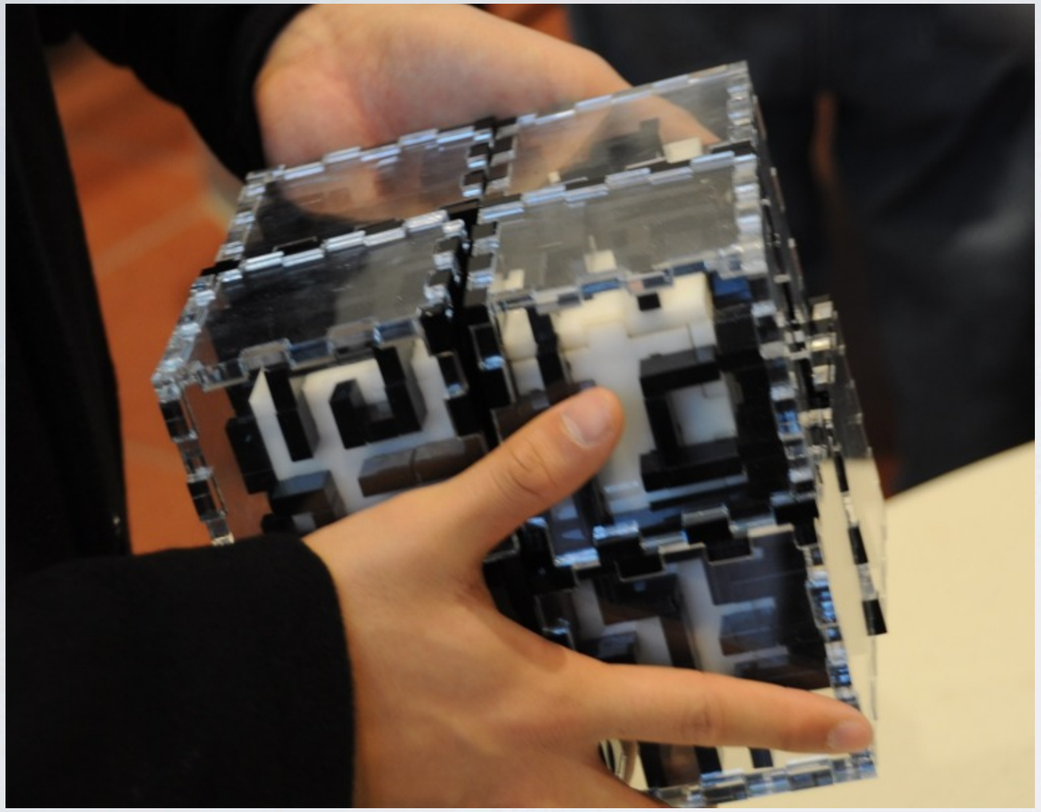


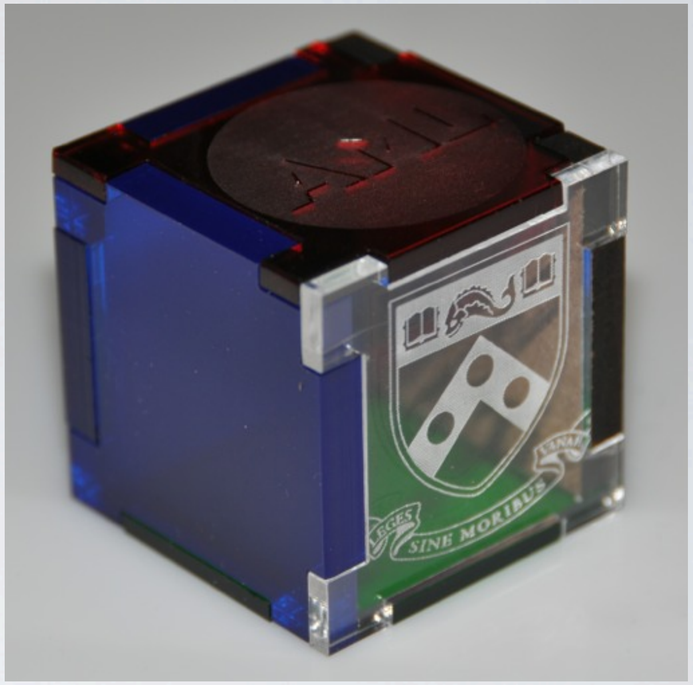


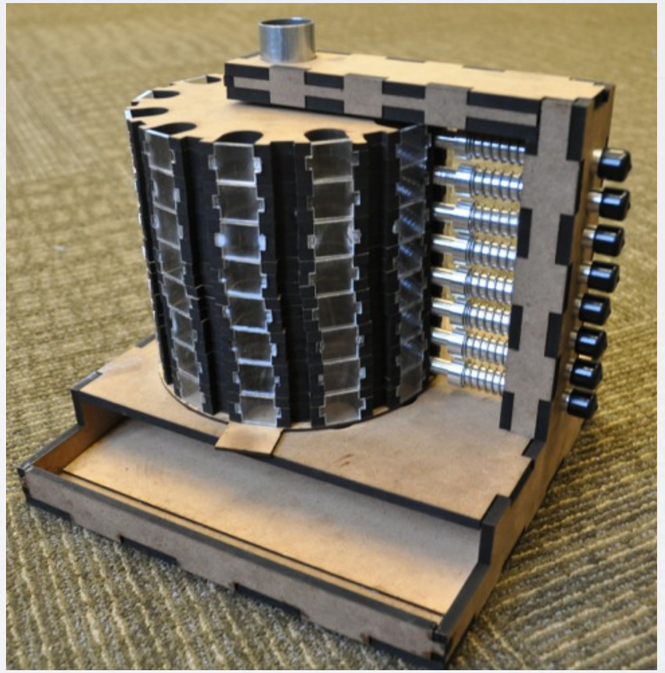

2.0

Laser Cutting Workflow

1. design 3-D part in SolidWorks
2. create a 2-D drawing from the 3-D part
3. export DWG file from SolidWorks
4. import DWG file into 2D editor
5. configure for cutting
6. cut your part



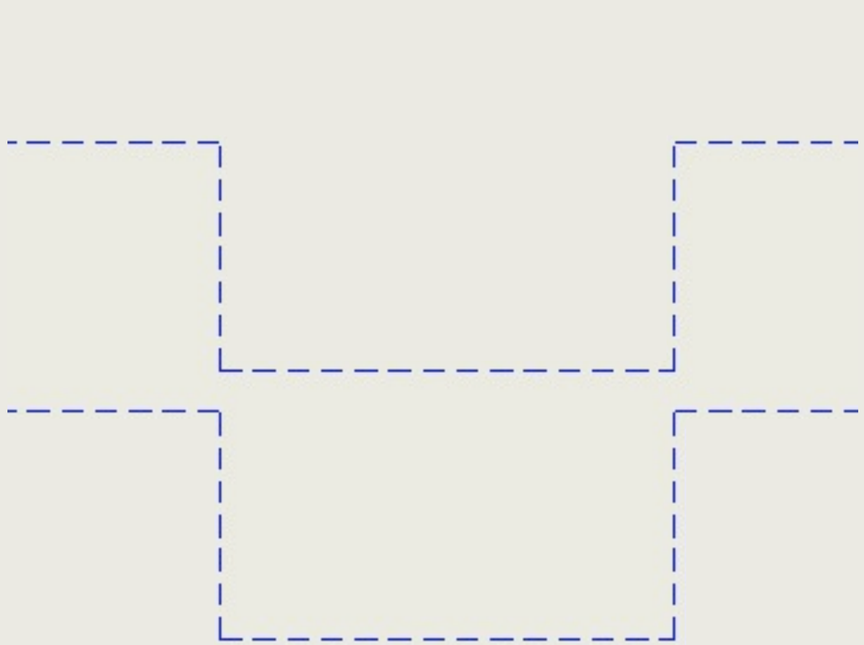

SINE MORTIBUS

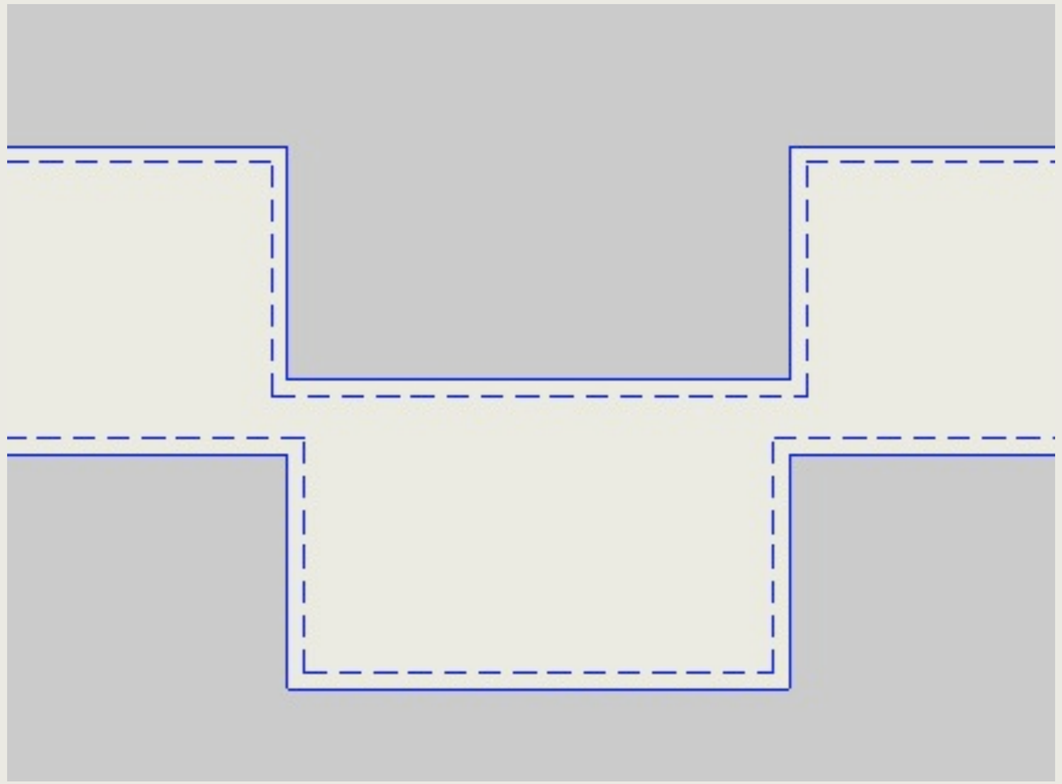


SolidWorks

peg = slot

peg = slot + 2 * kerf





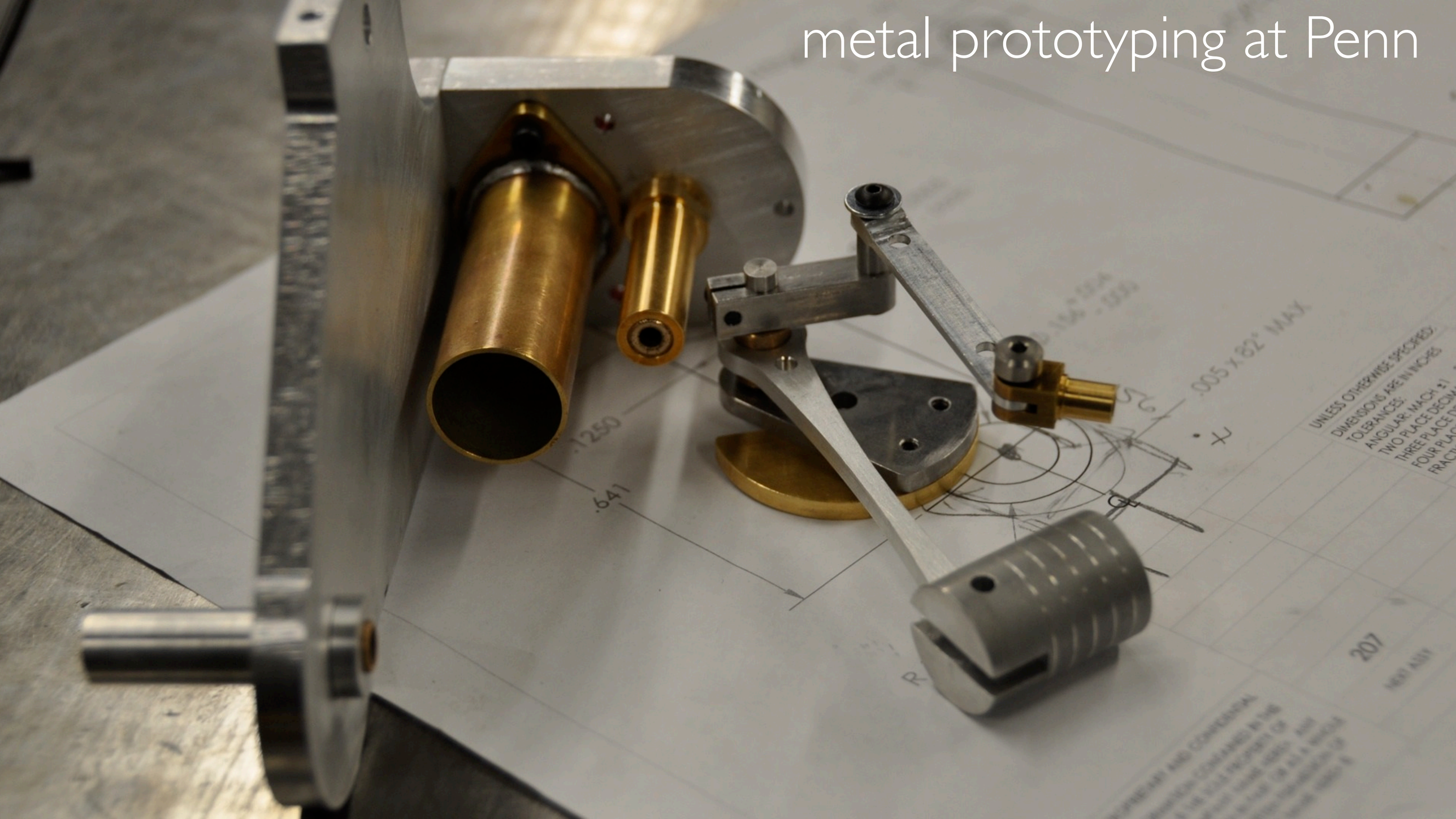
Laser Cut

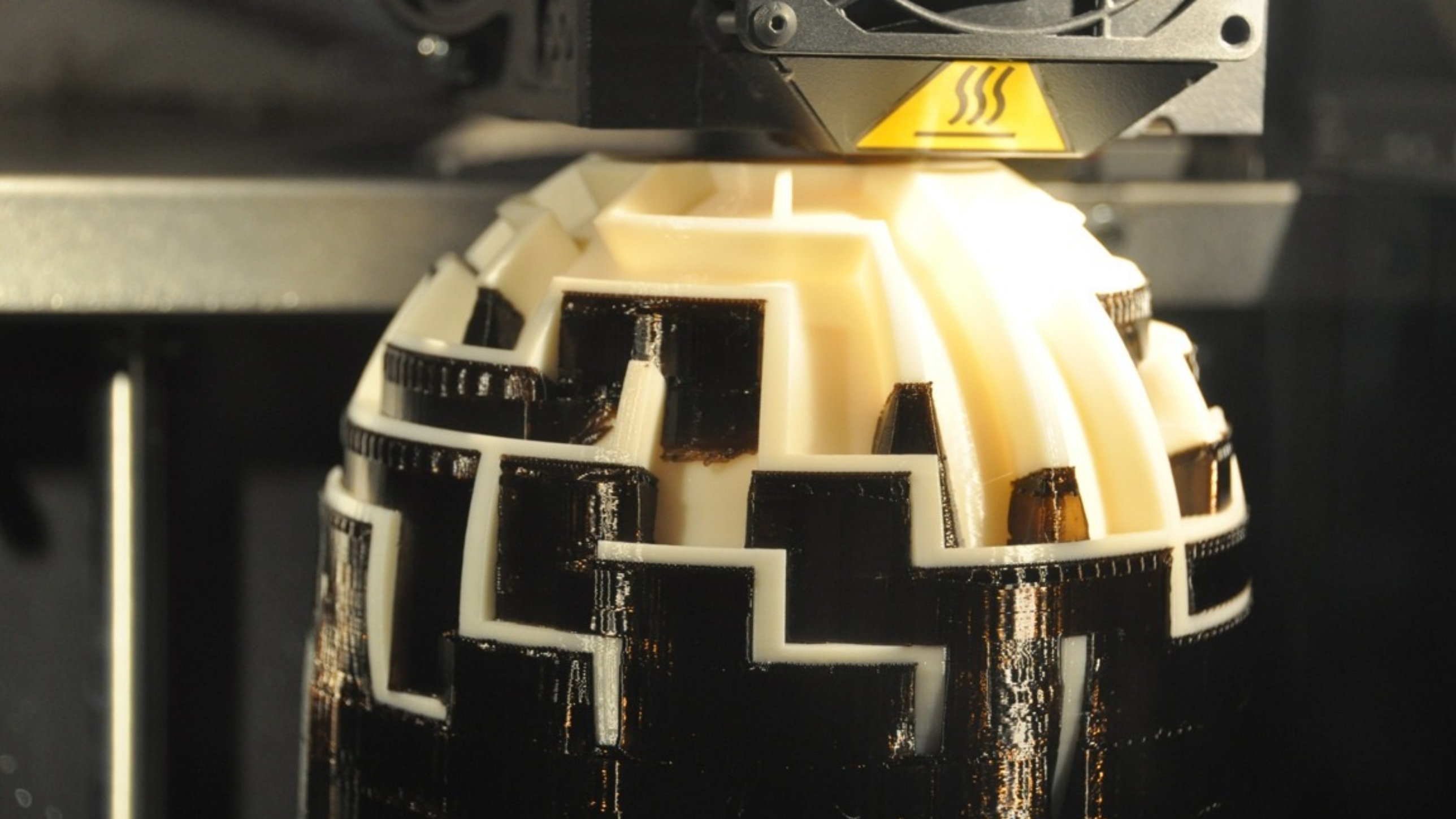
Final Part

peg = slot - 2 * kerf

peg = slot

metal prototyping at Penn





material considerations
equipment capabilities
design/product needs