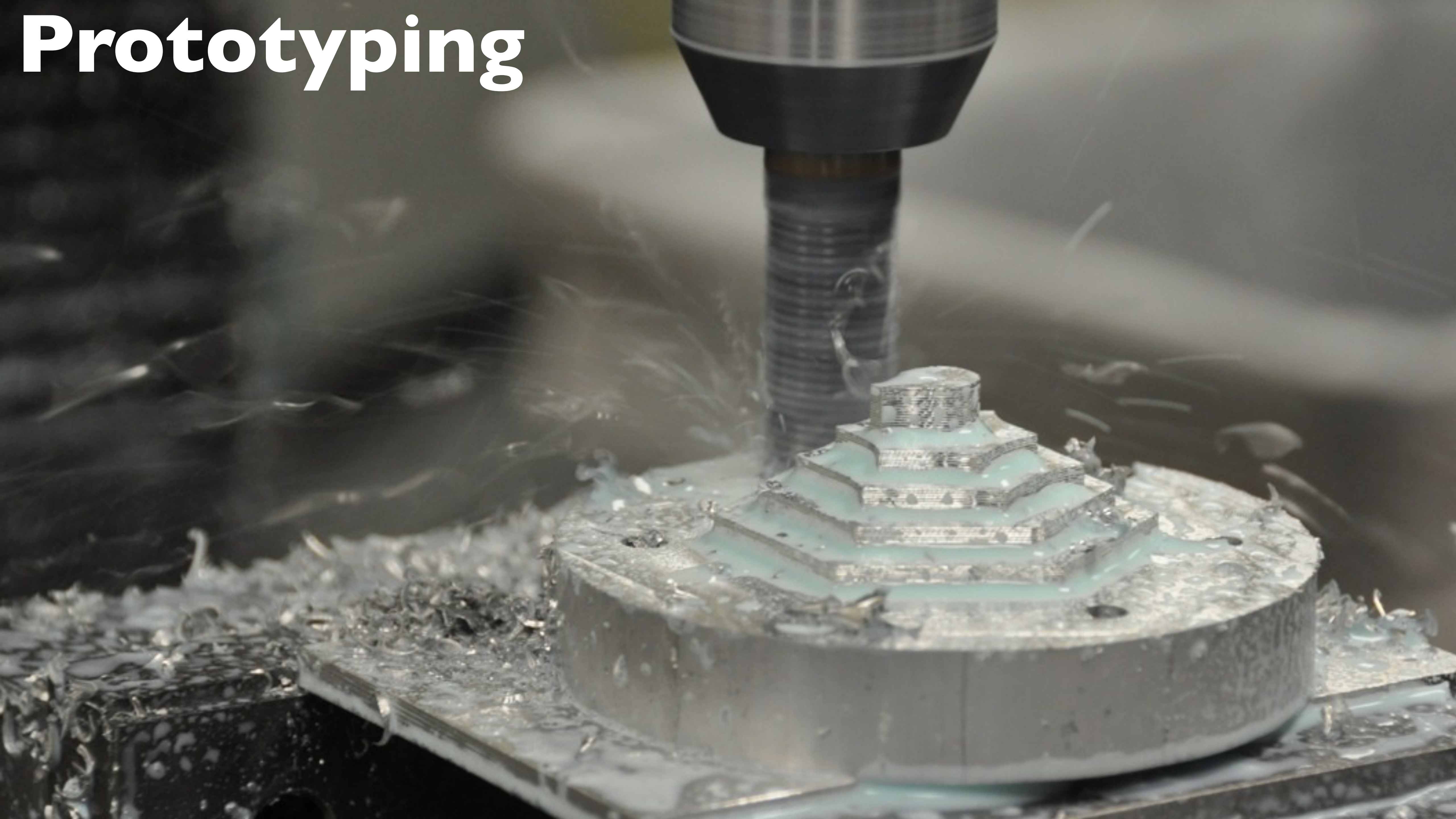
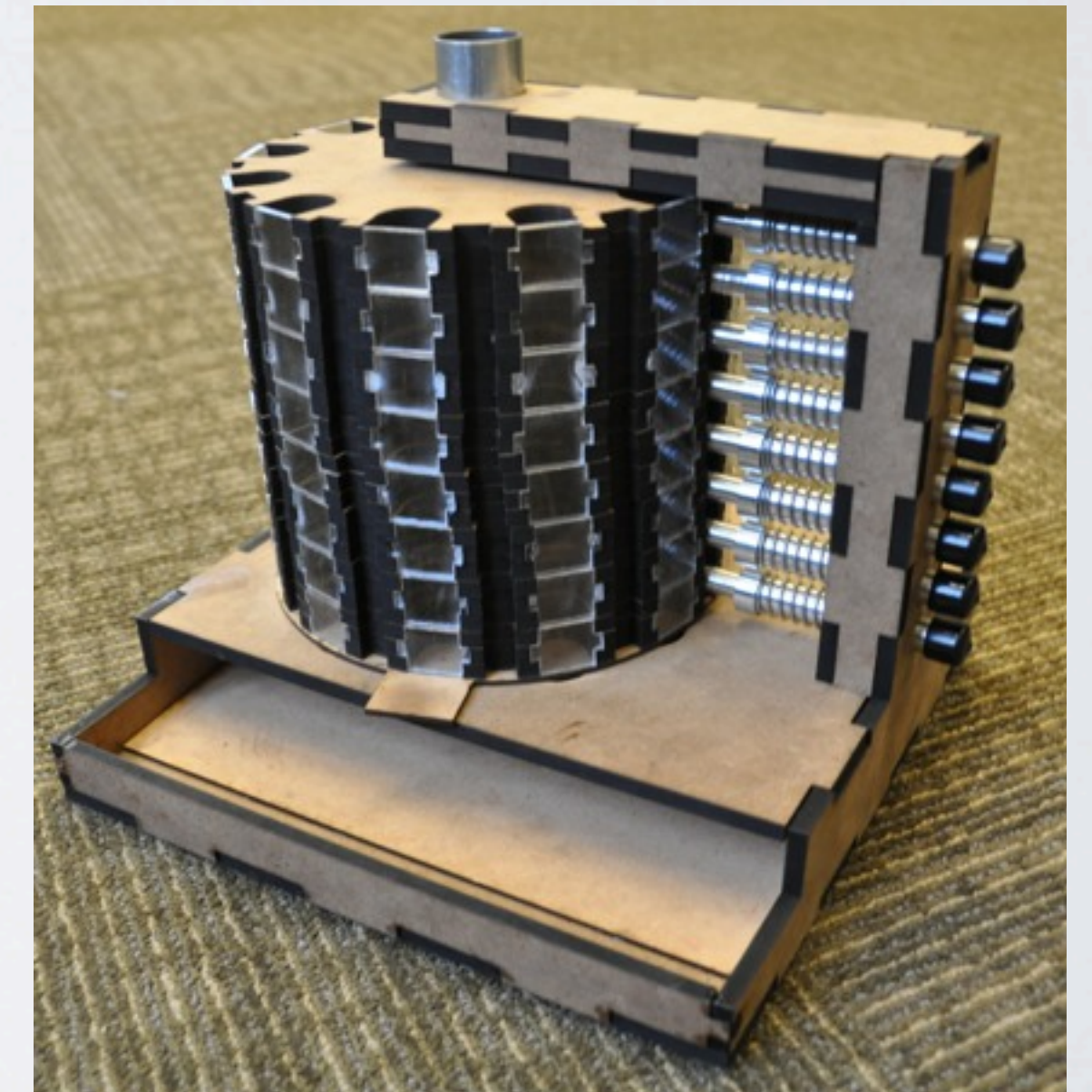
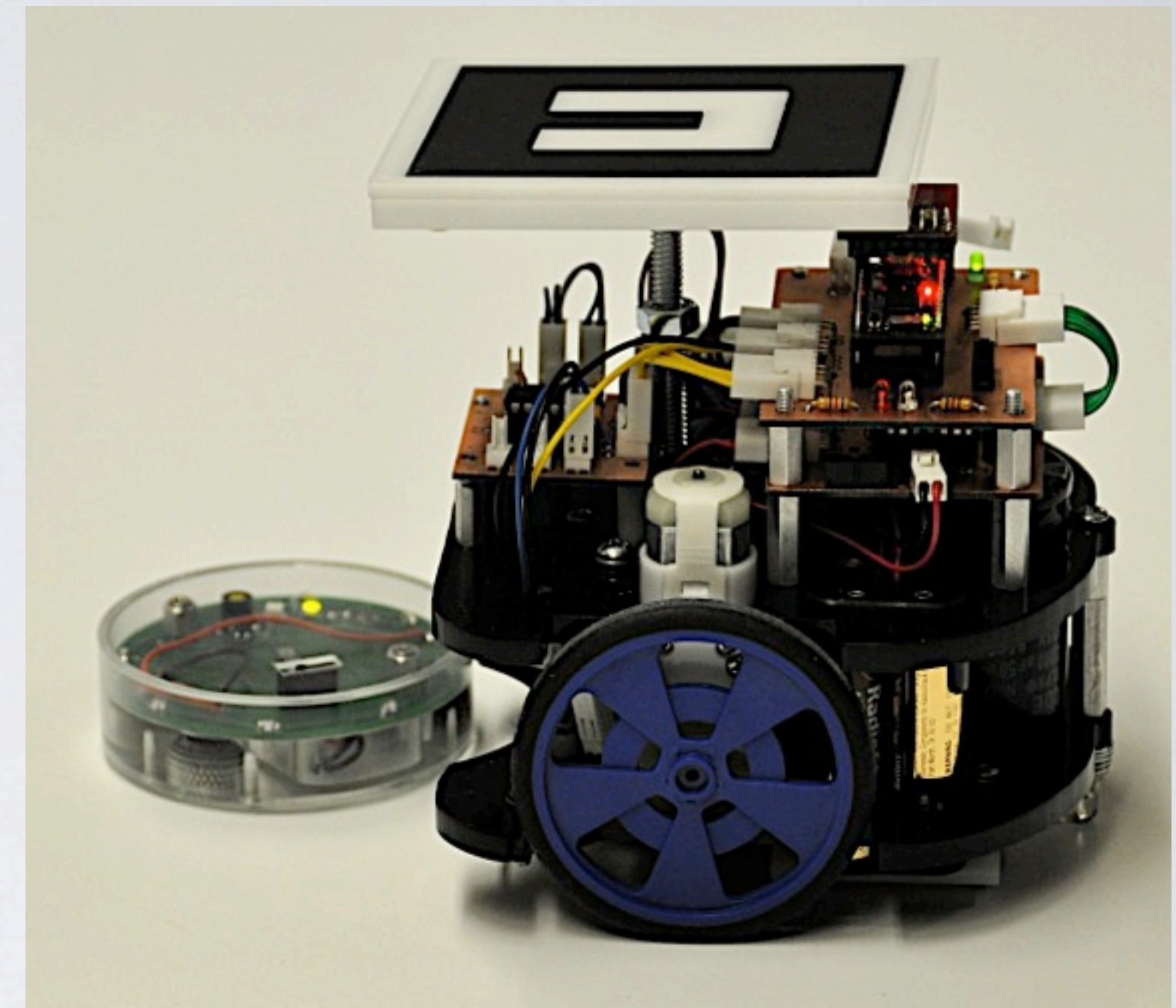
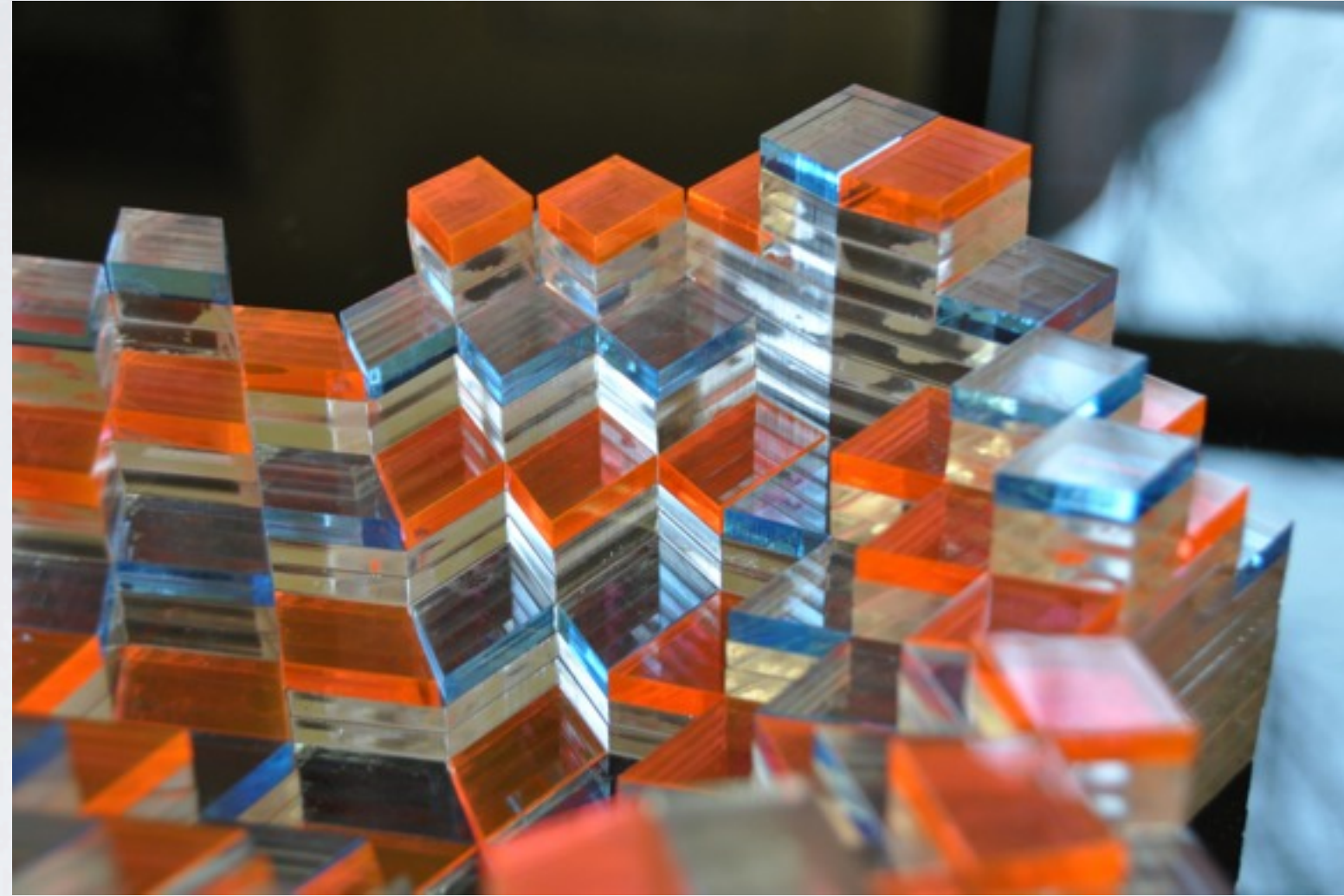


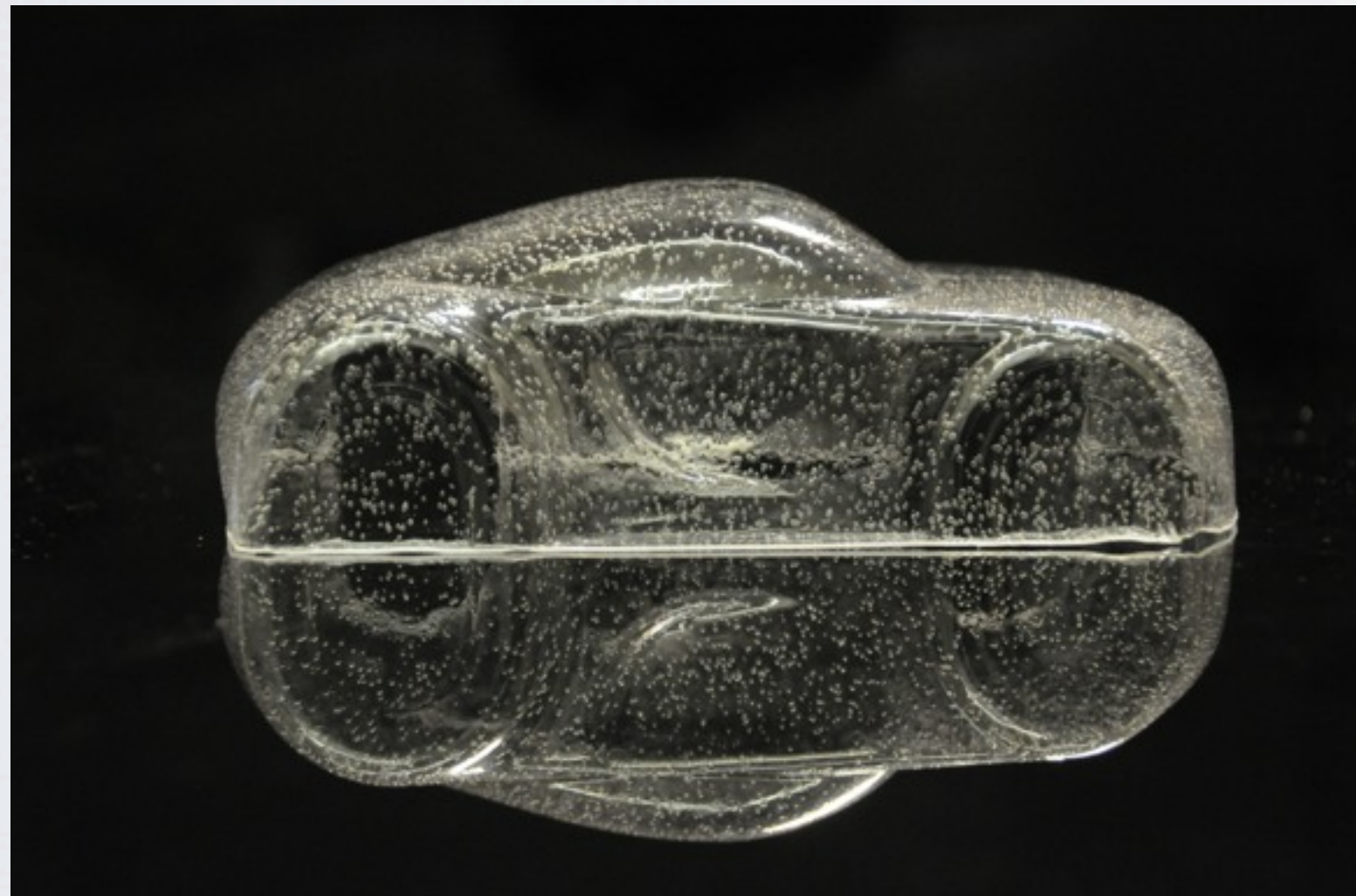
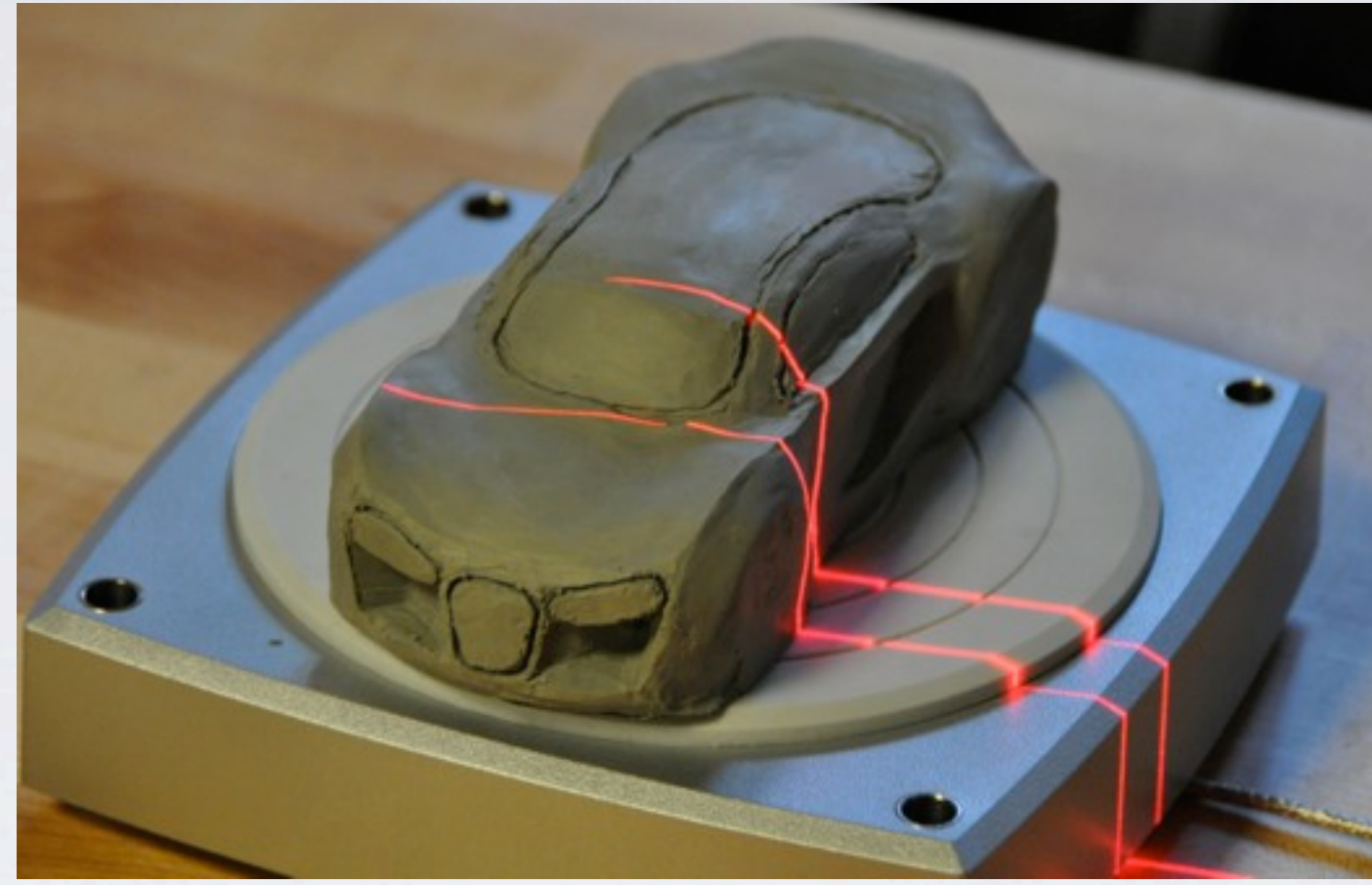
Prototyping

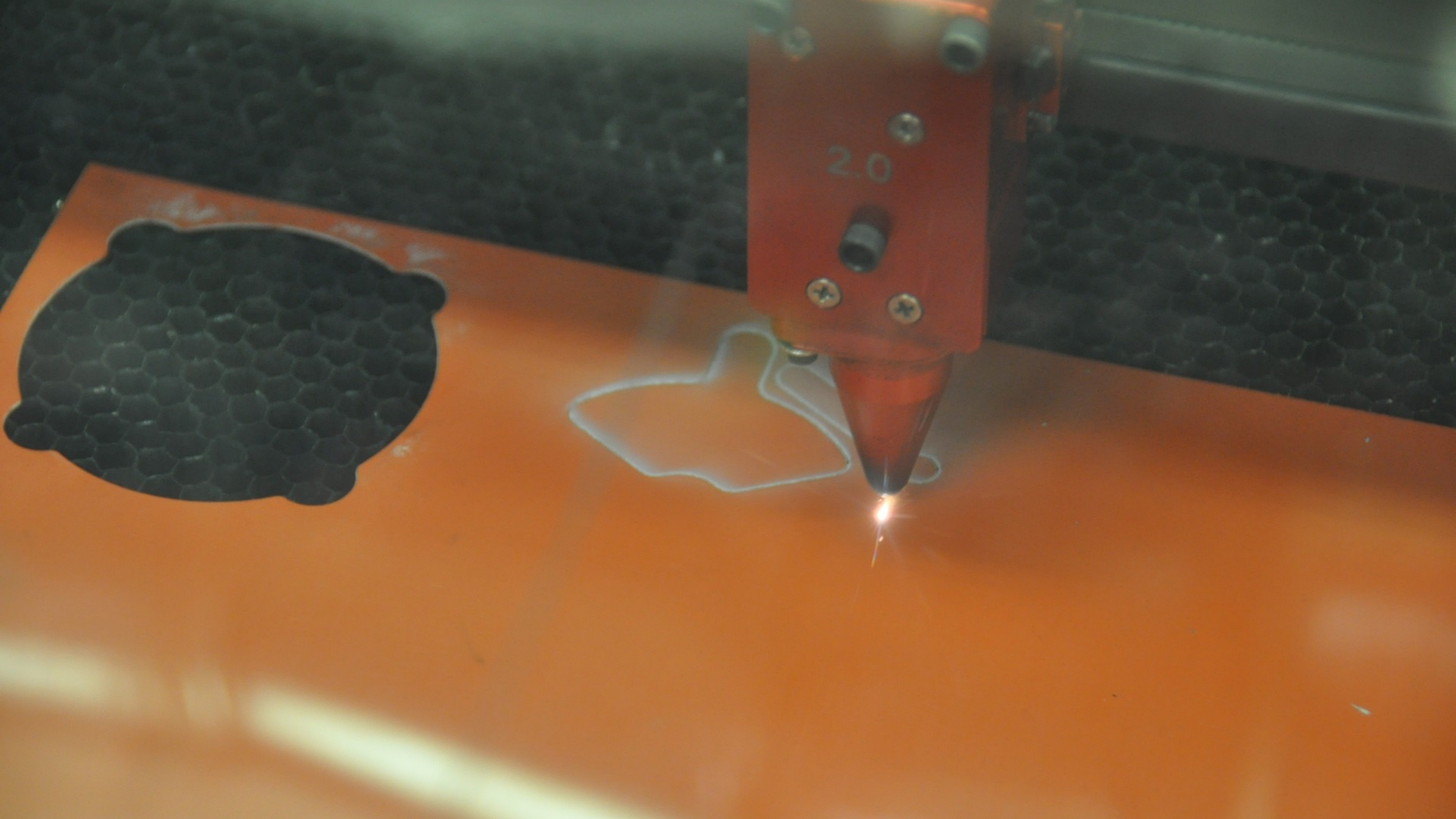


material considerations

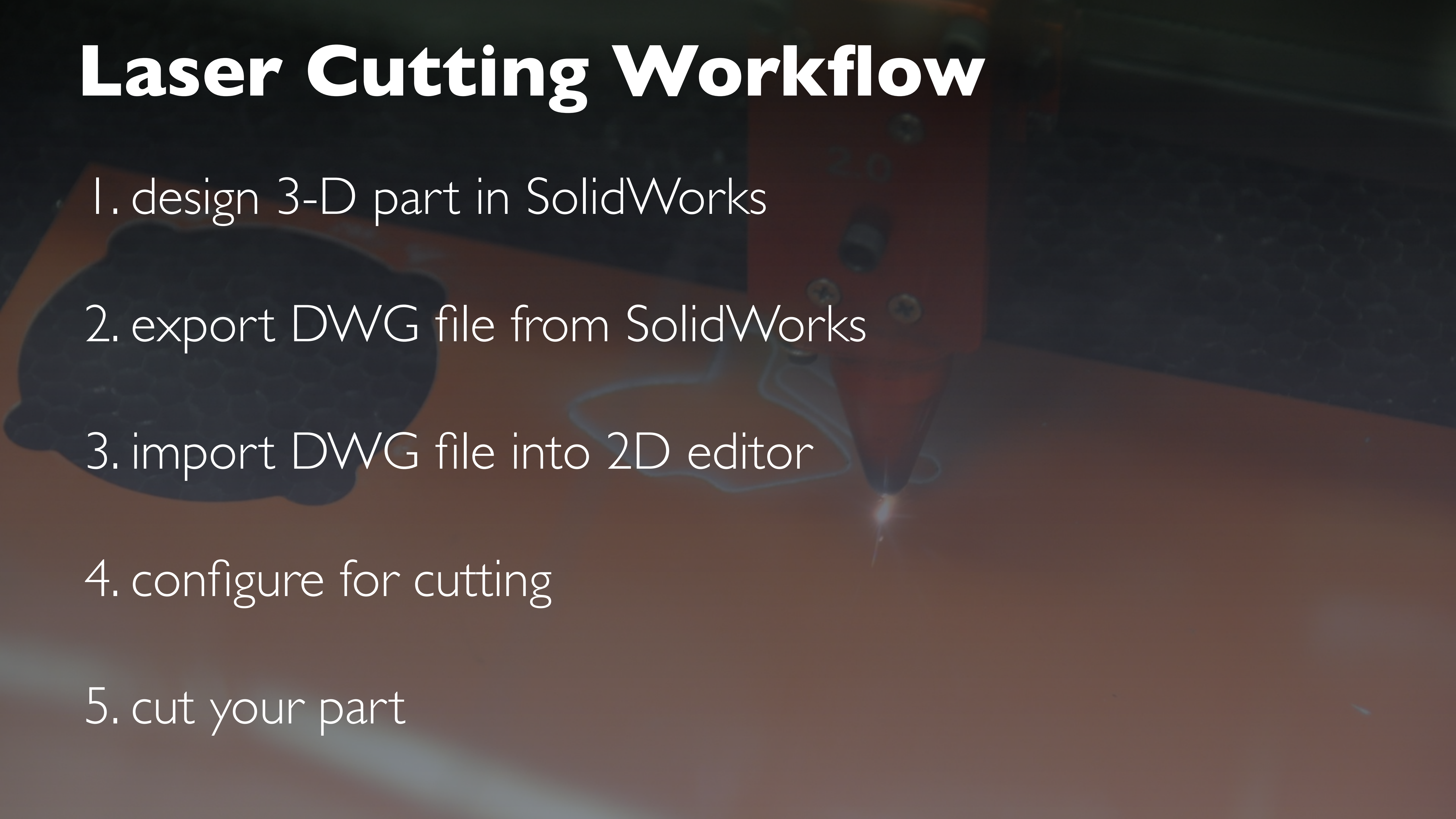


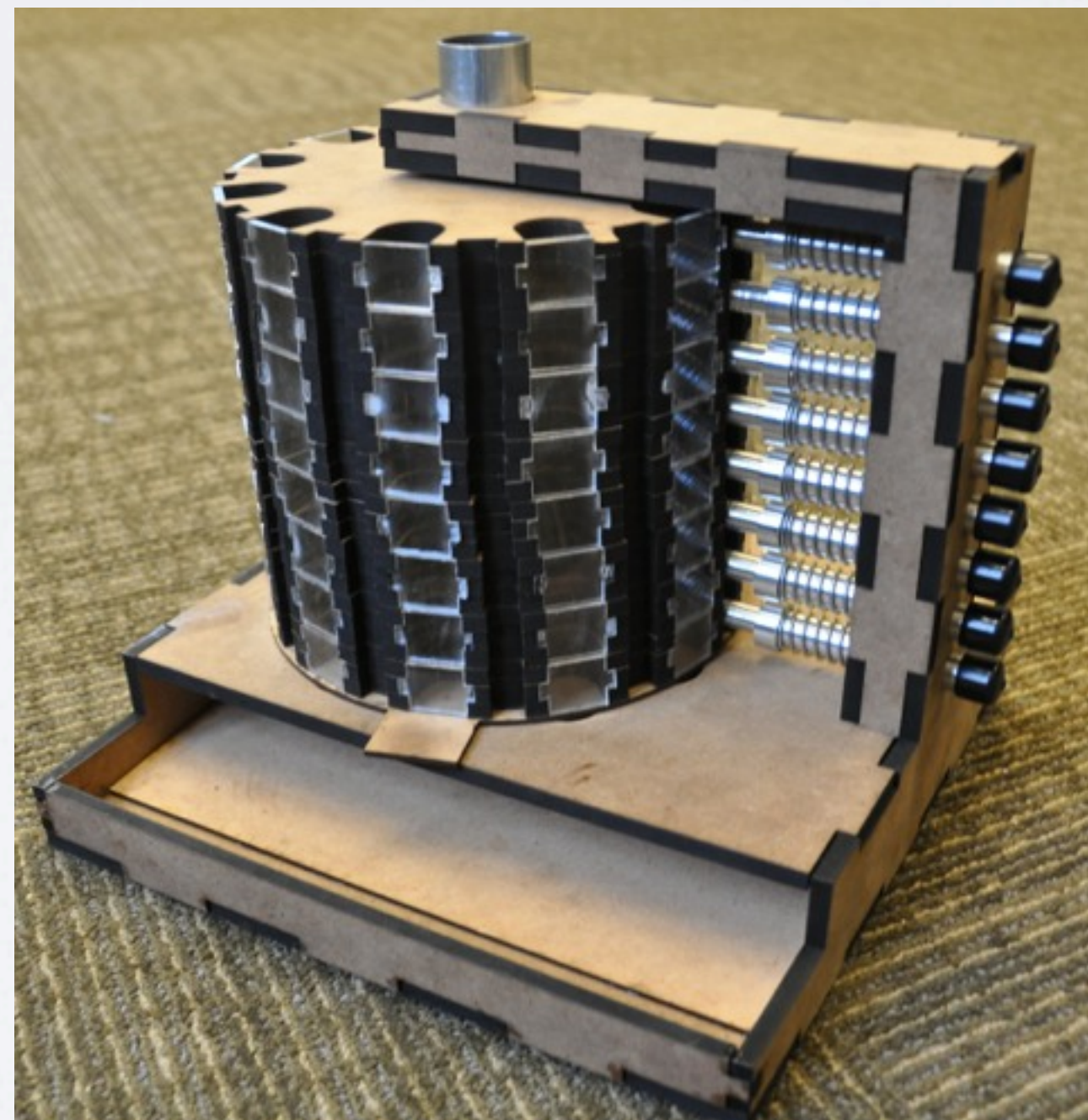
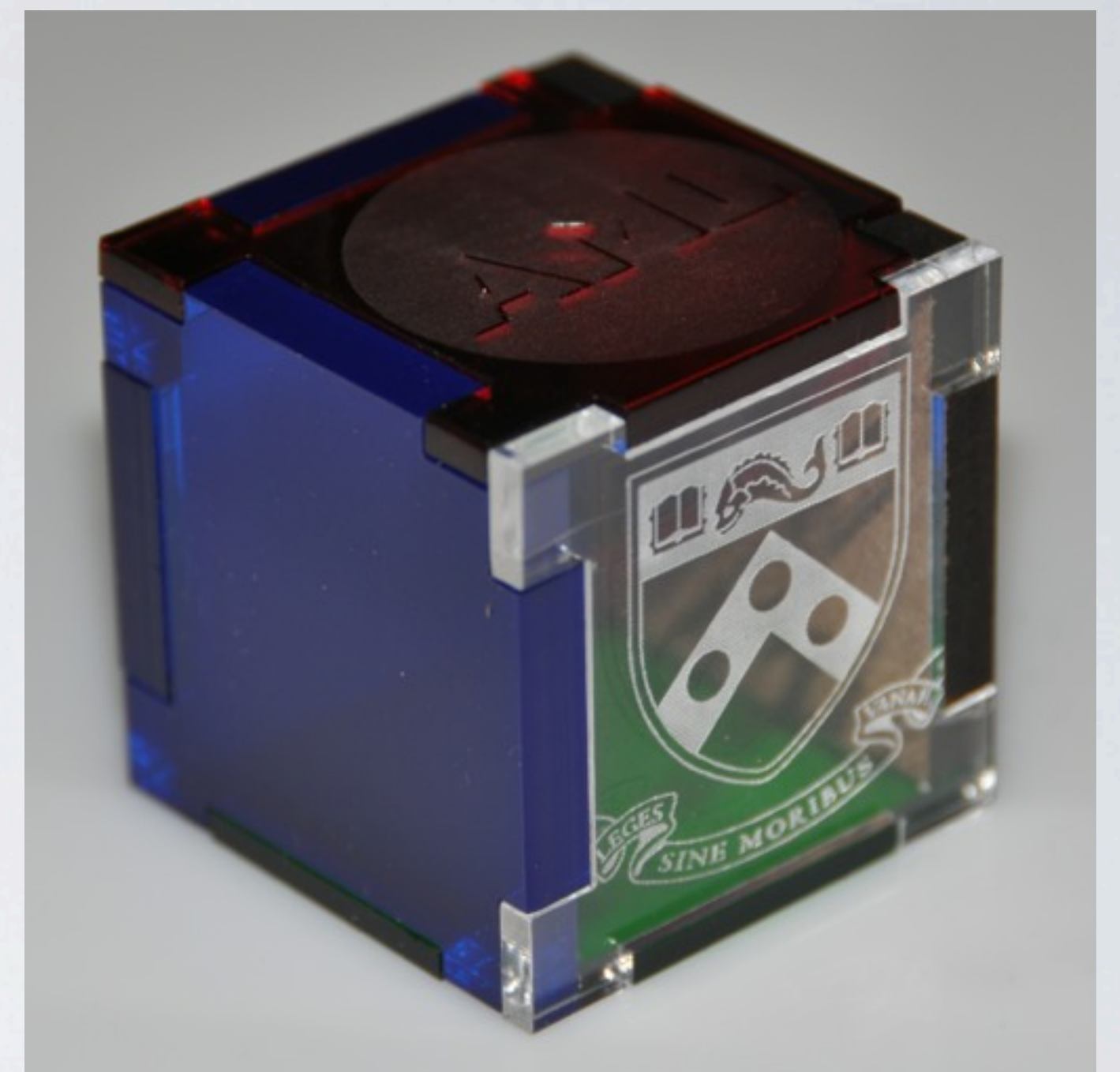
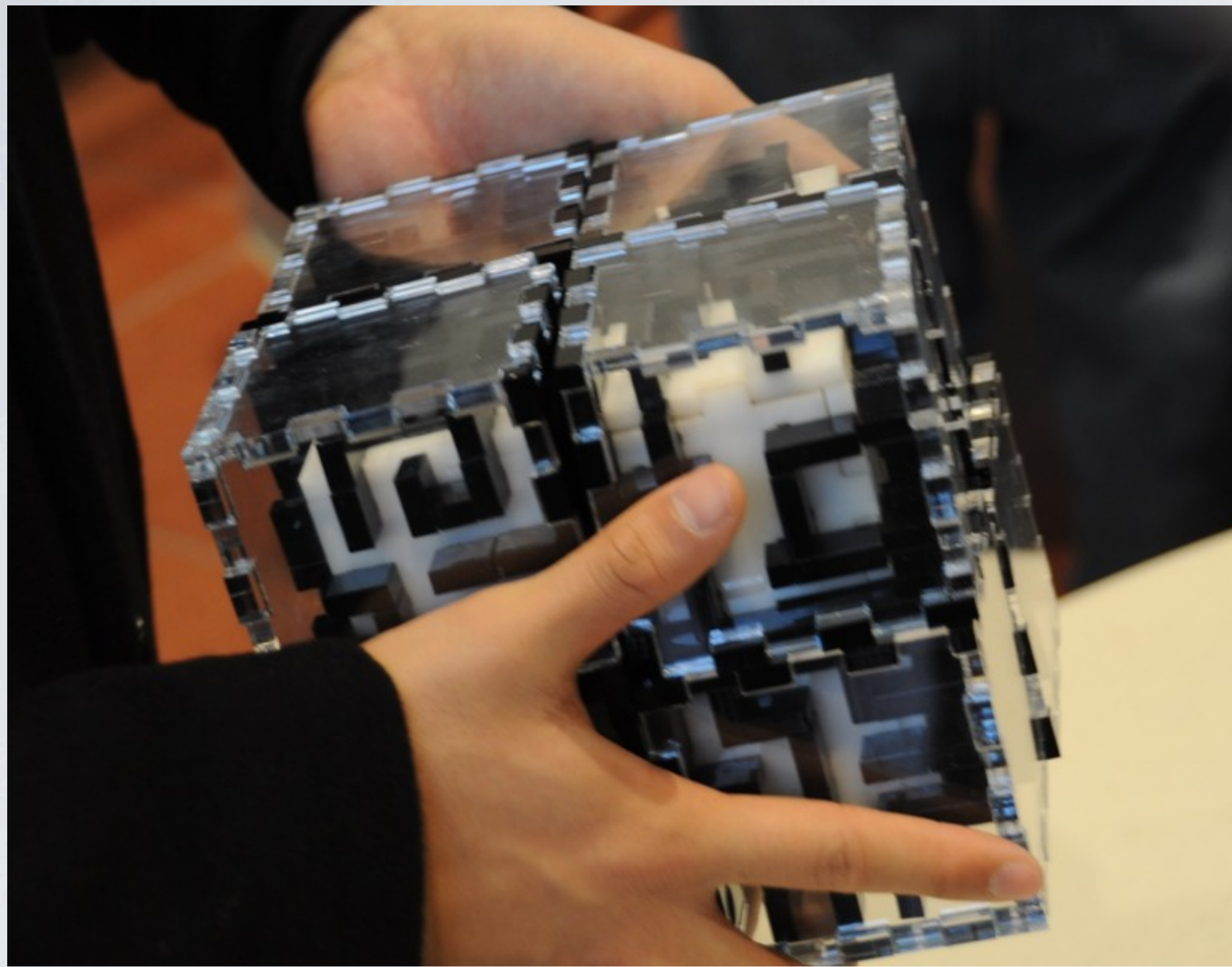
material considerations equipment capabilities





Laser Cutting Workflow

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



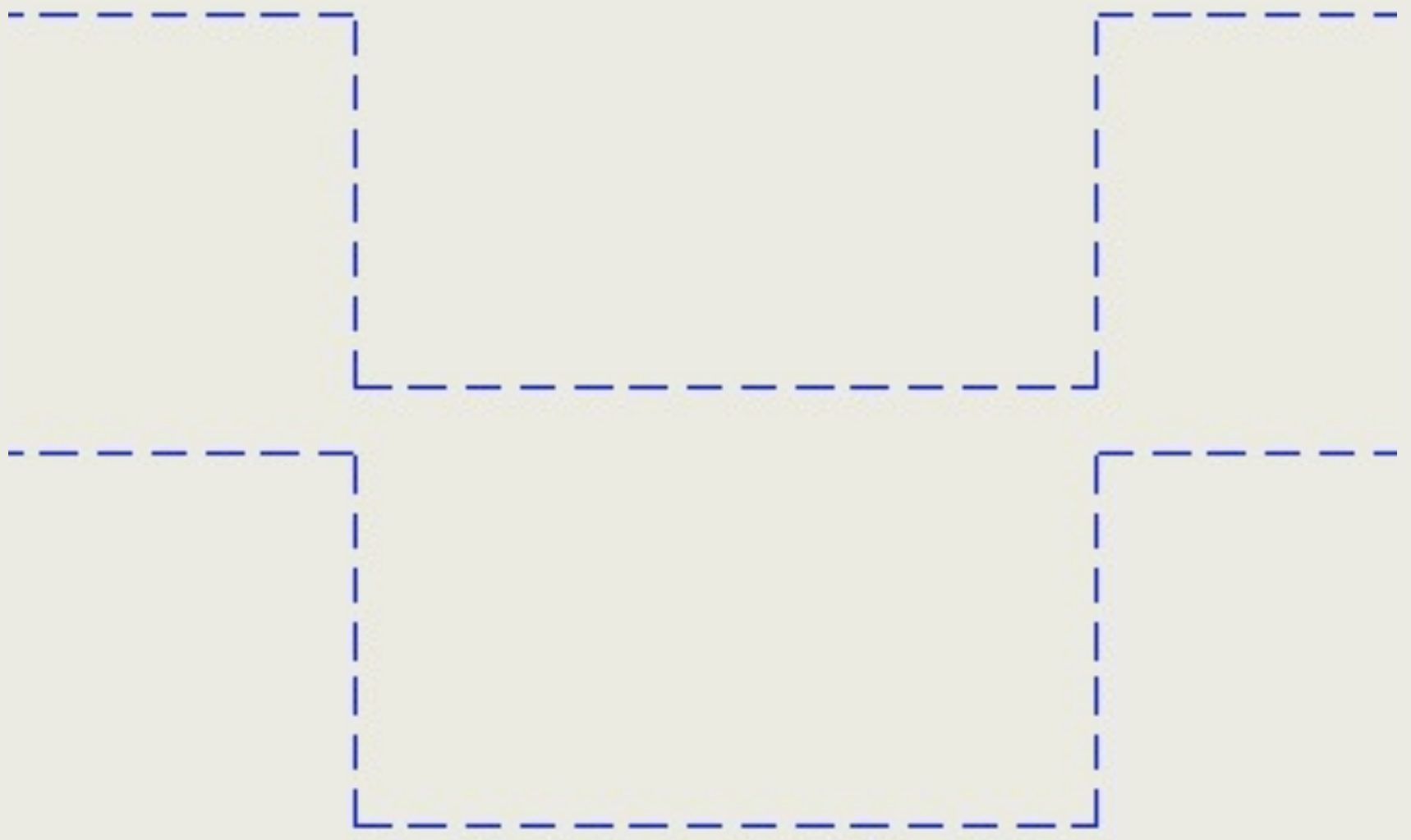
SolidWorks

peg = slot

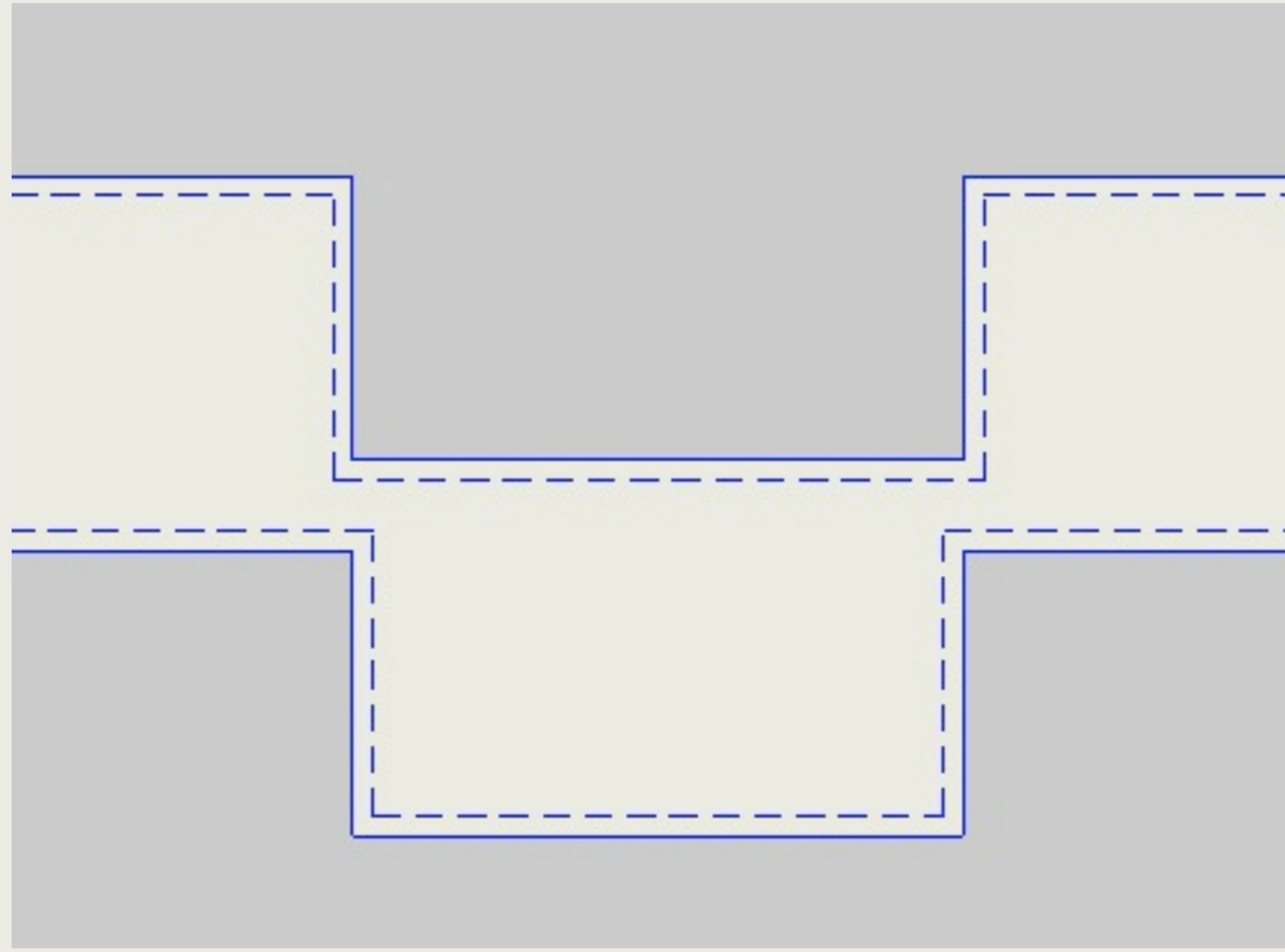
peg = slot + 2 * kerf

Laser Cut

Final Part



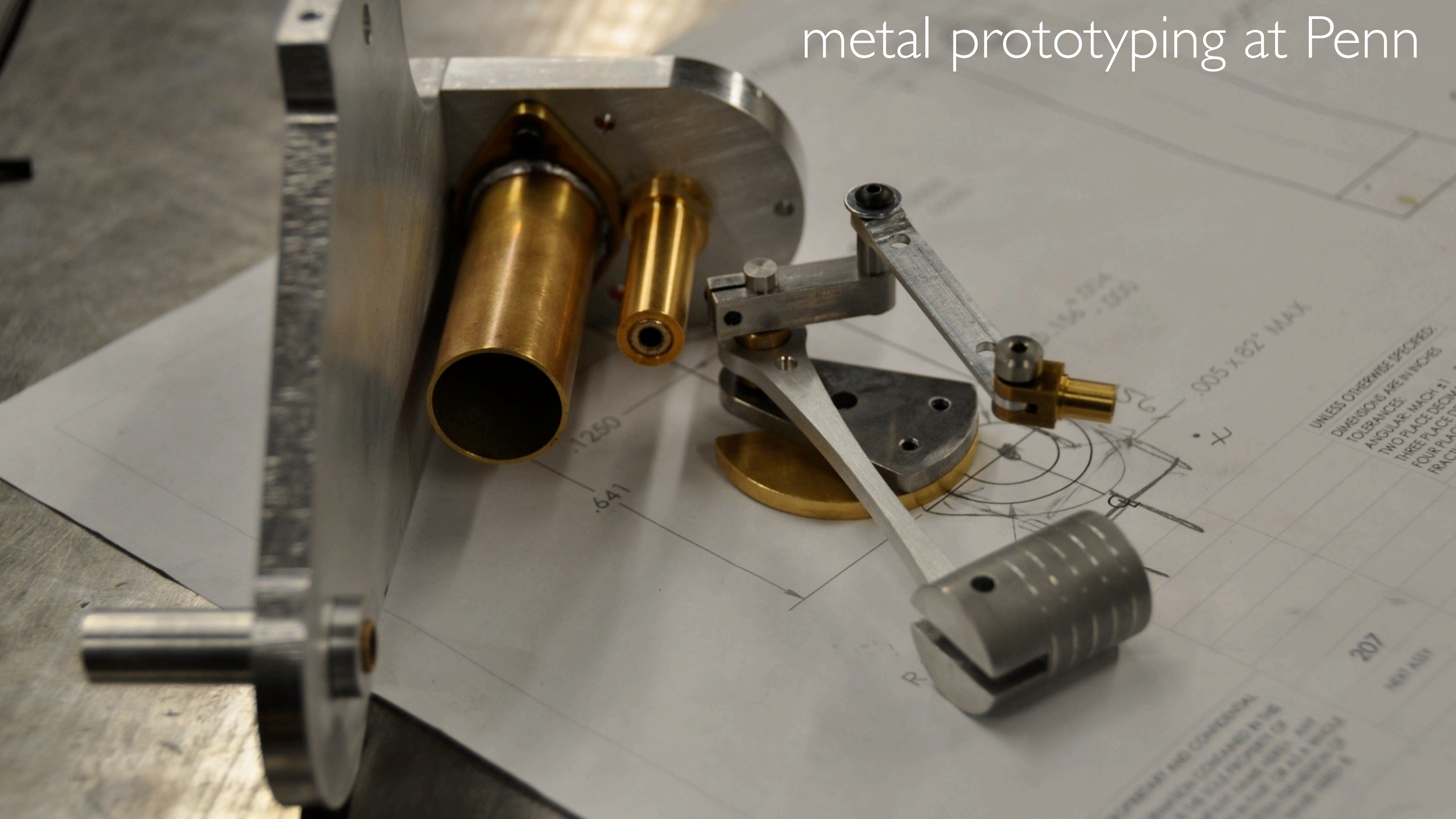
peg = slot - 2 * kerf



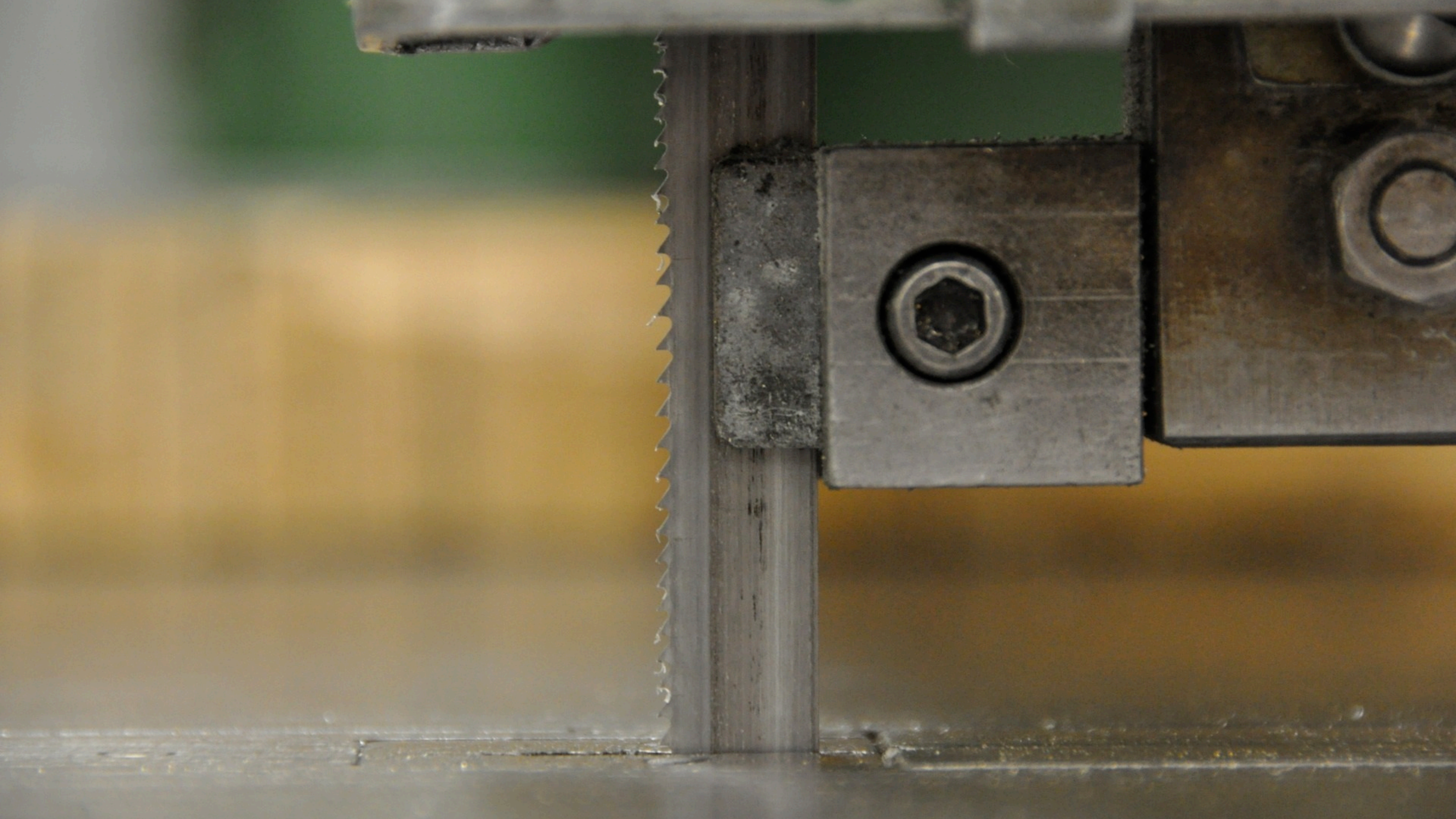
peg = slot

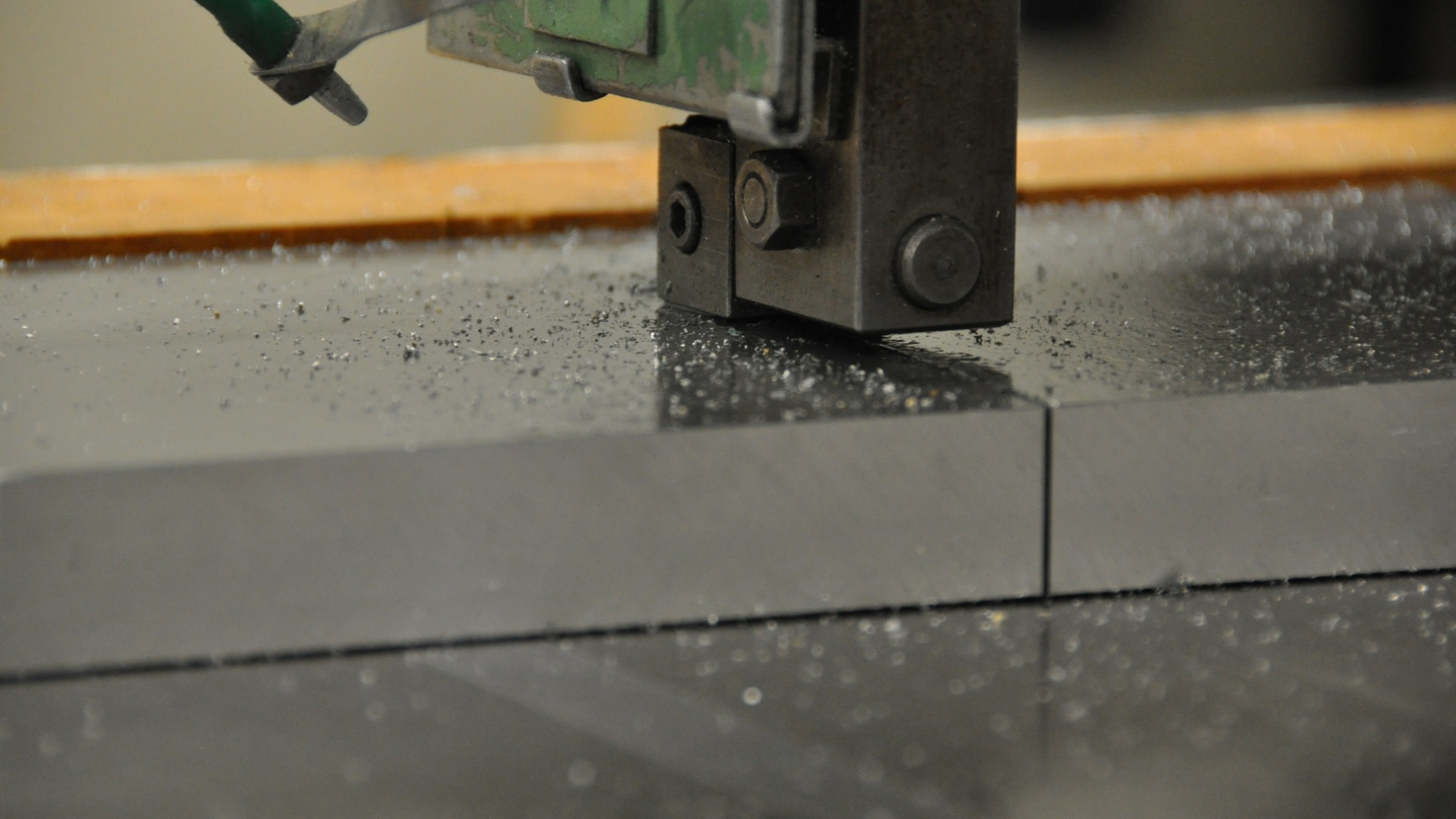


metal prototyping at Penn



Machine Shop
University of Pennsylvania





SAW GUIDE
ADJUSTMENT
SCREW
(BOTH ARMS)



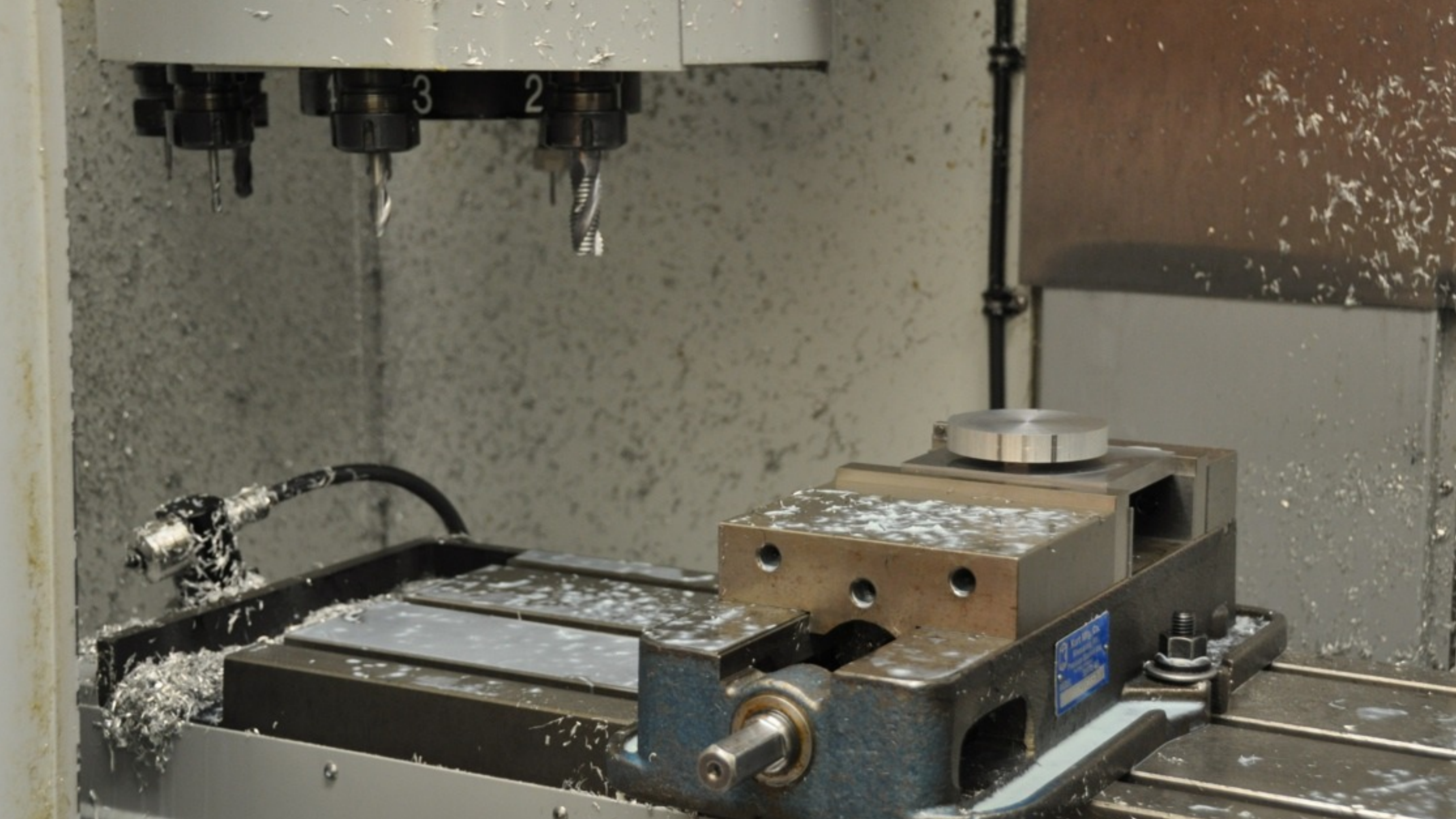








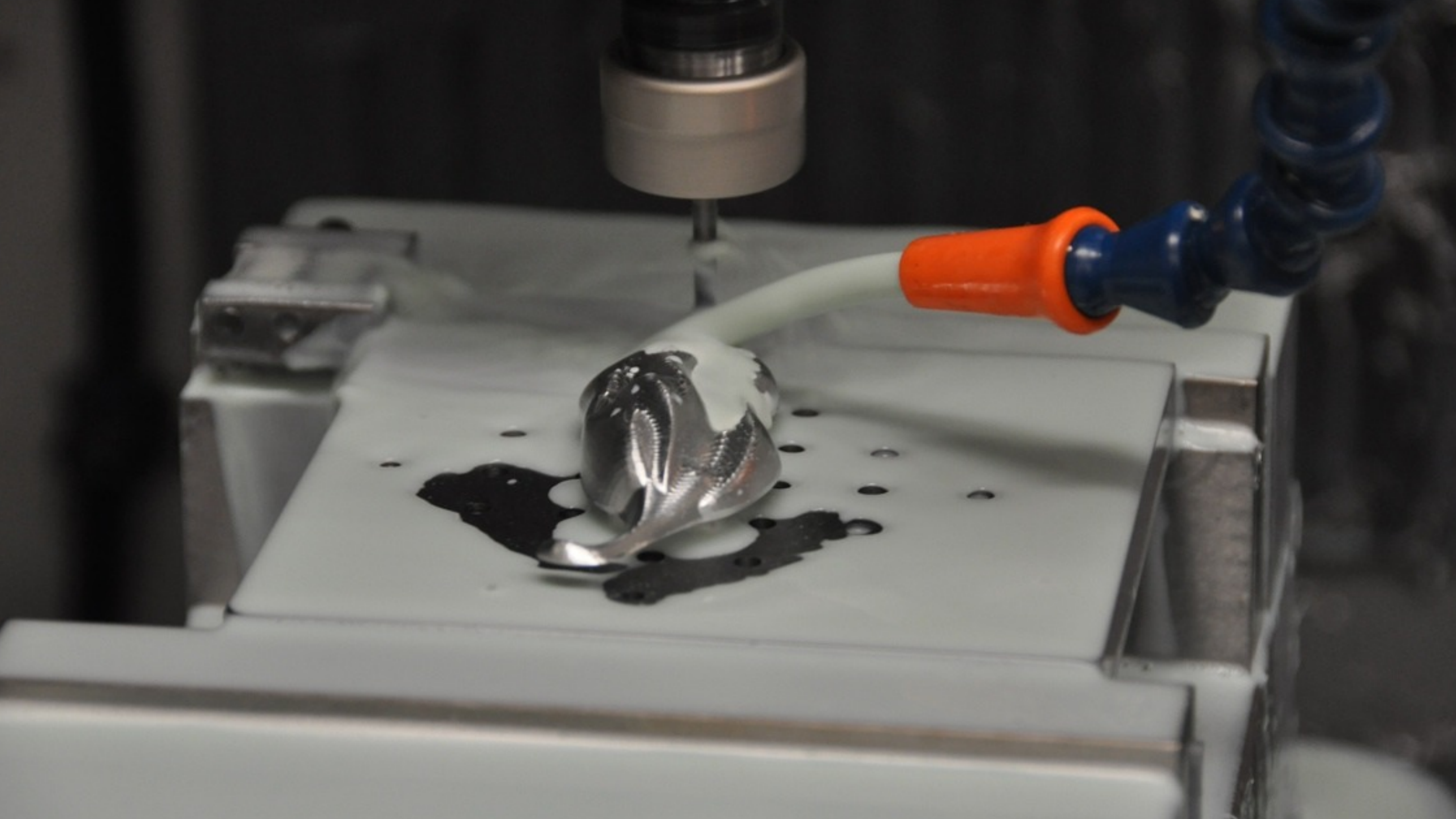


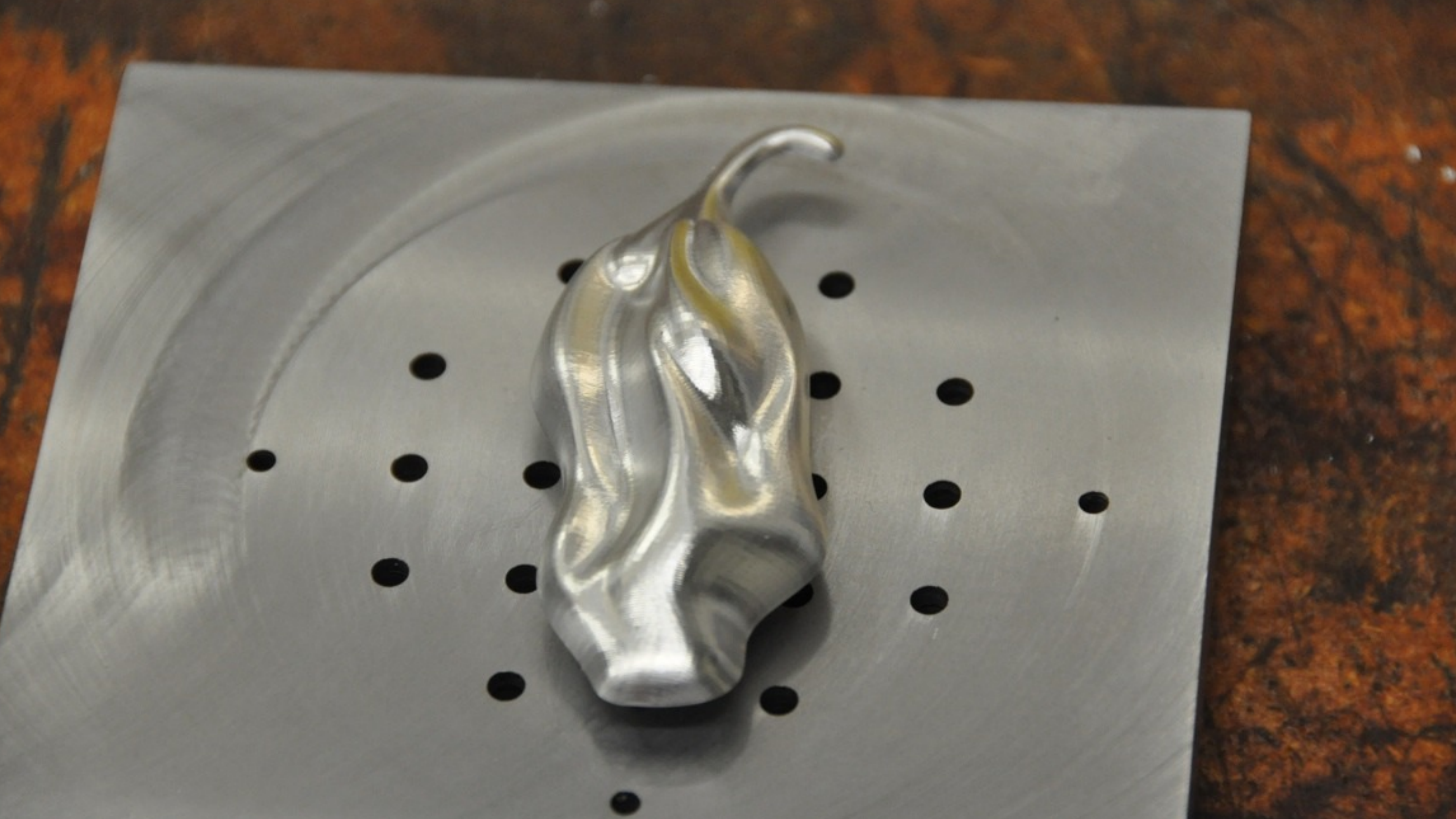


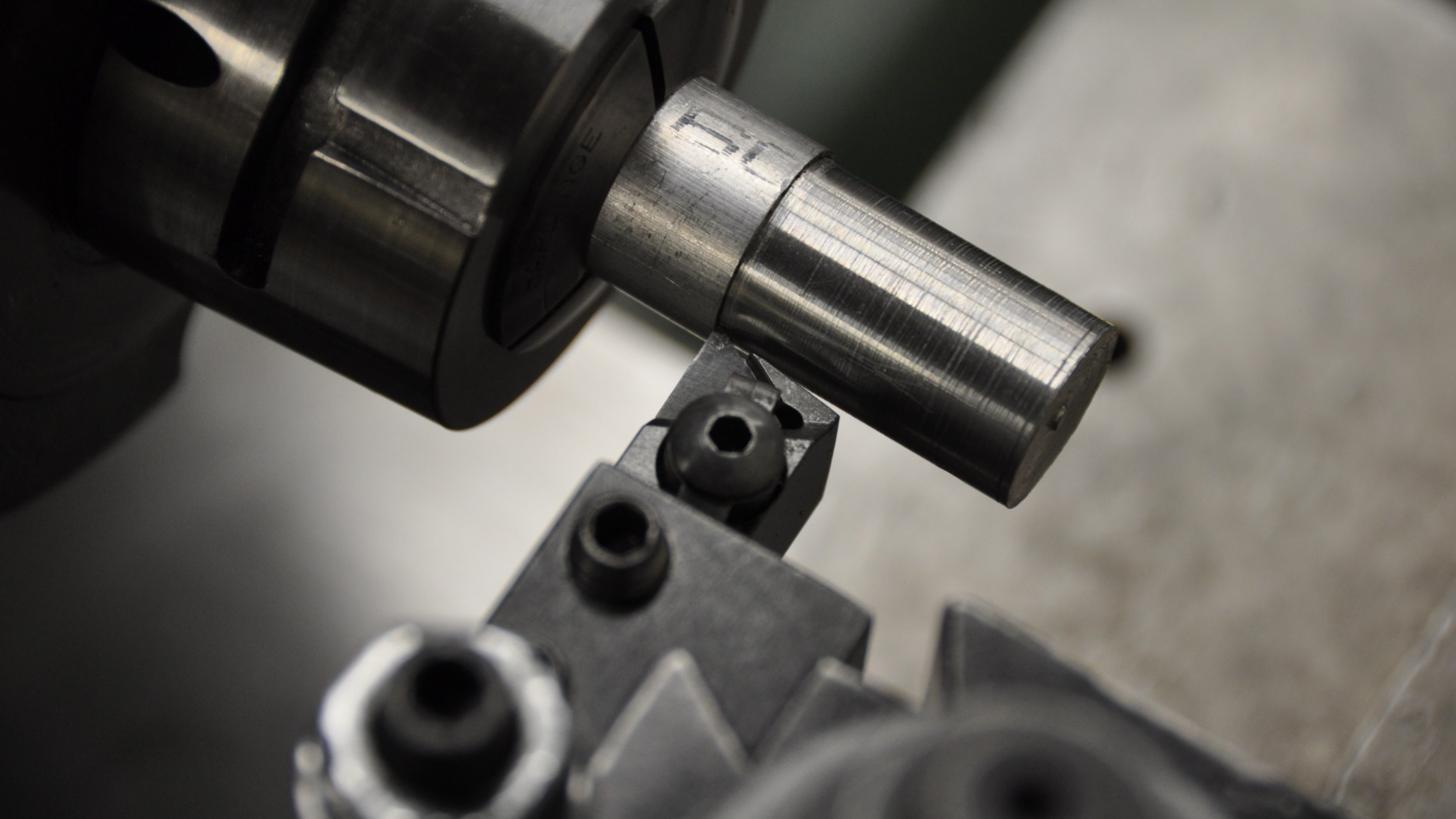


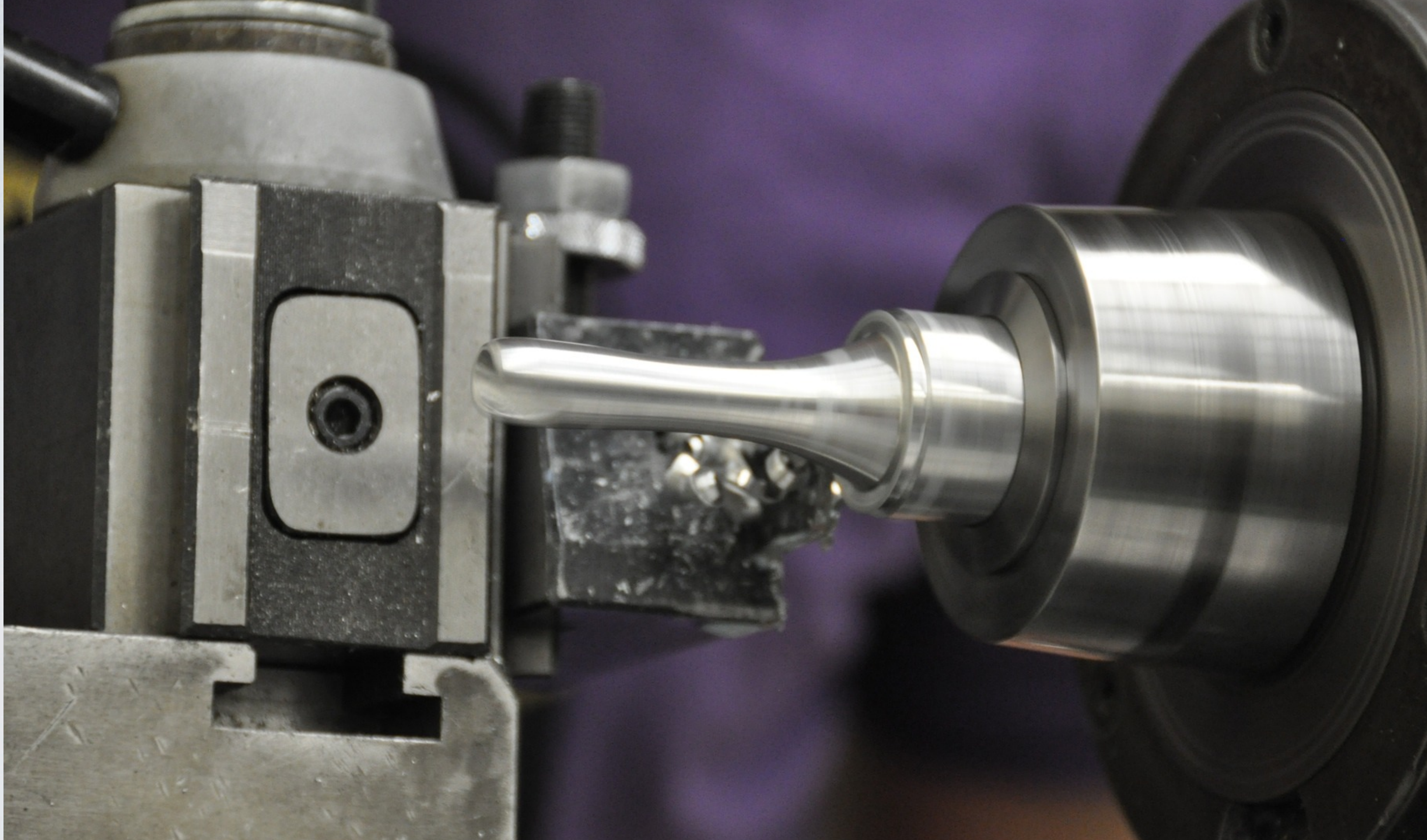








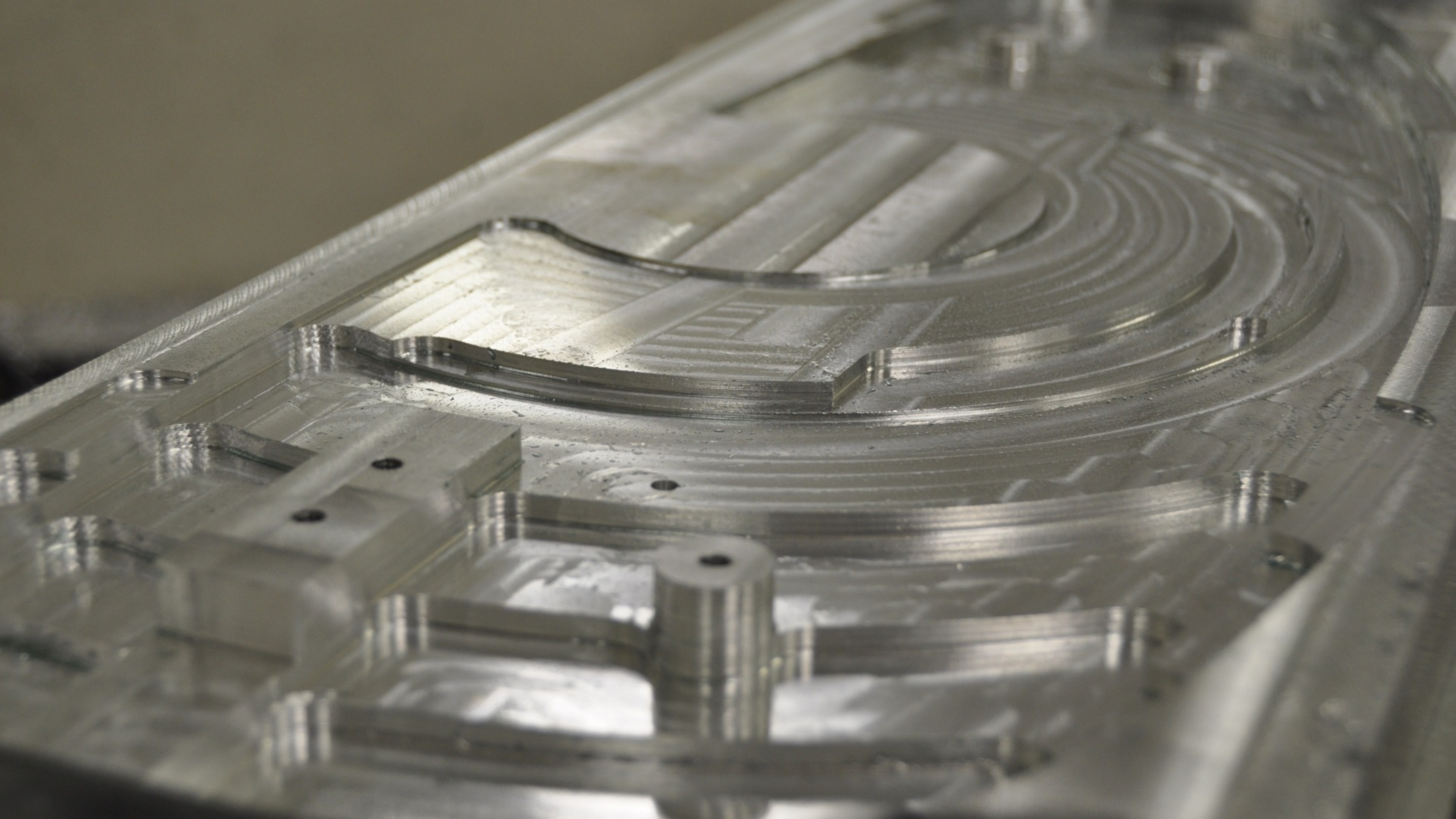






















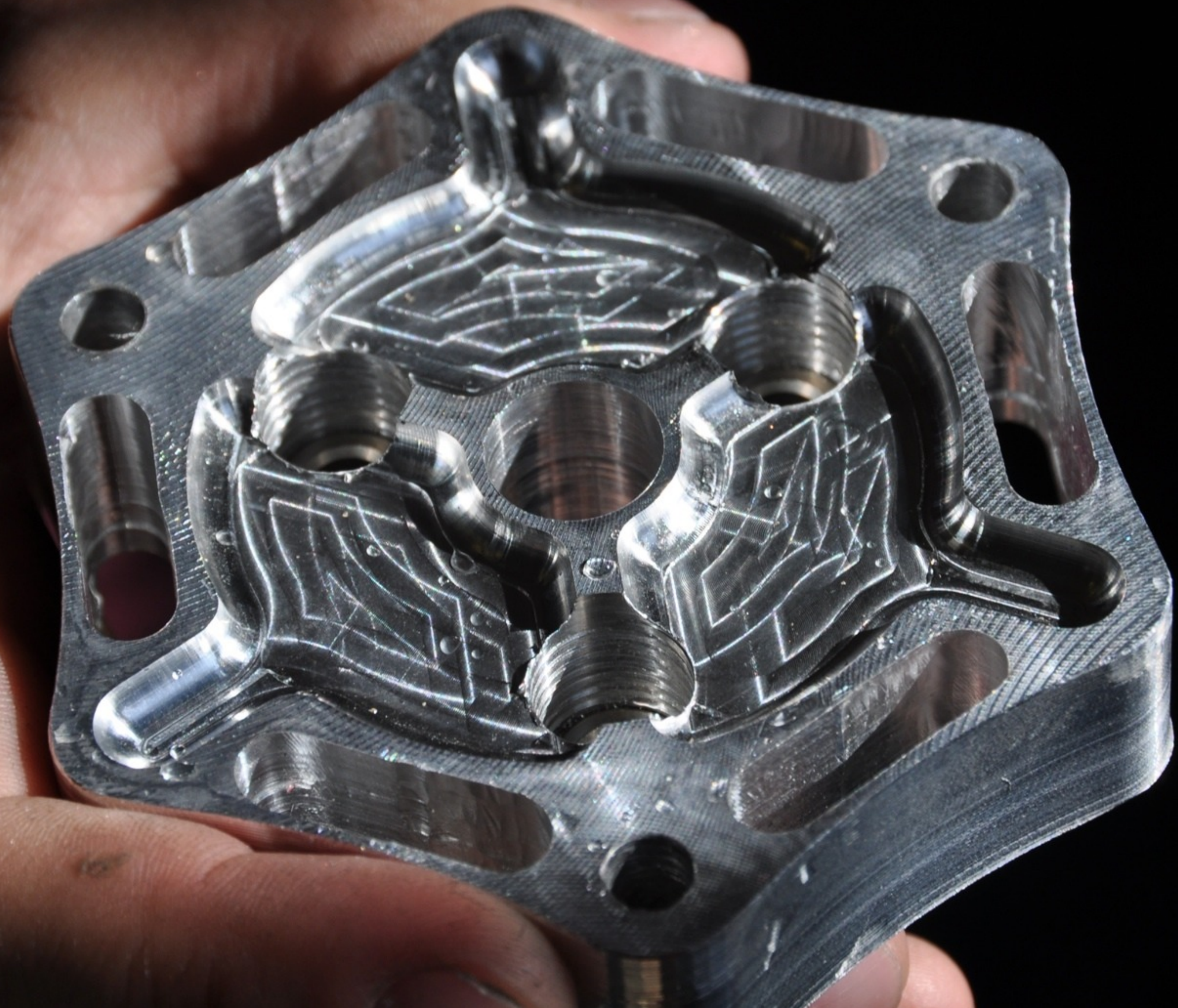


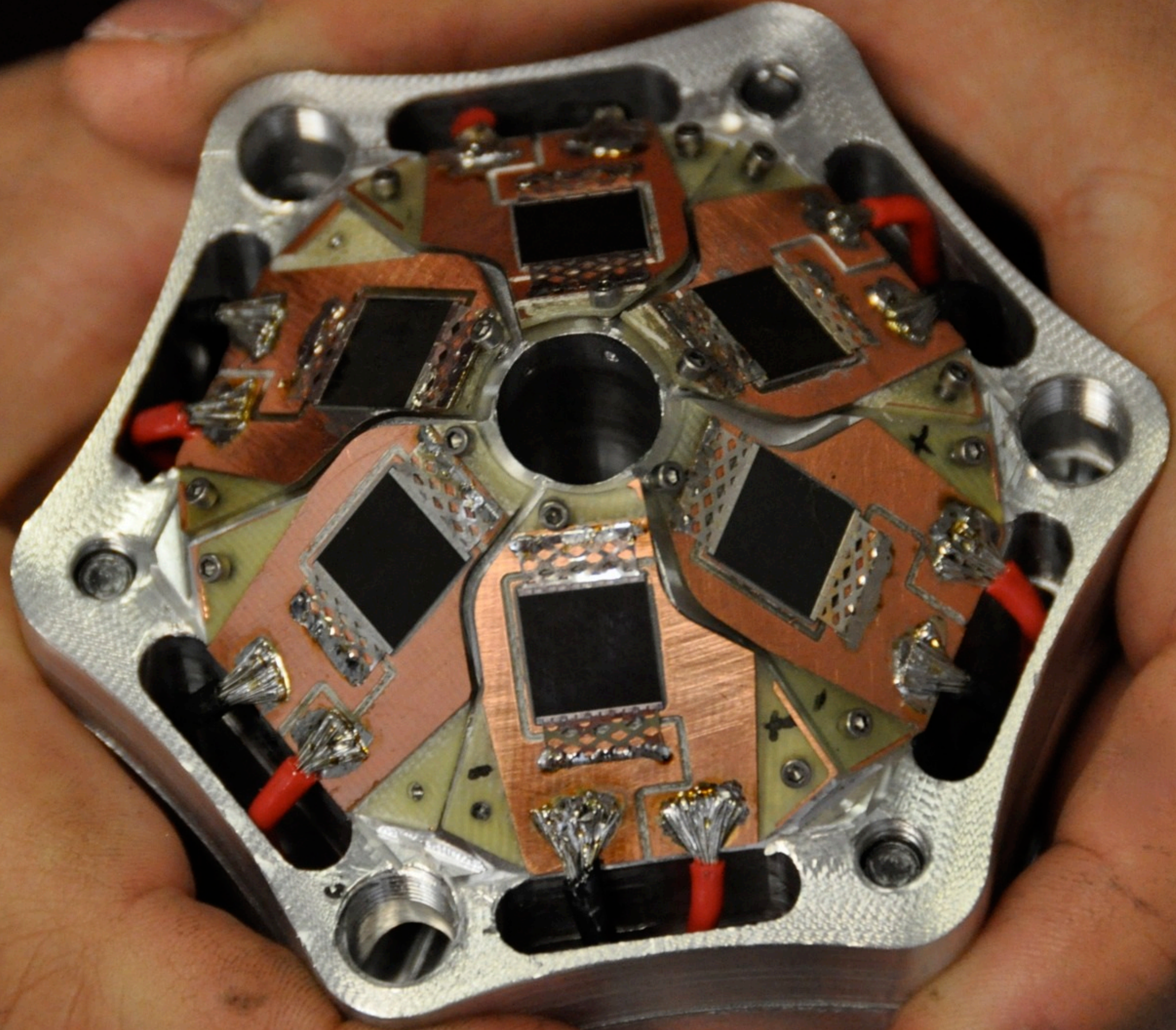




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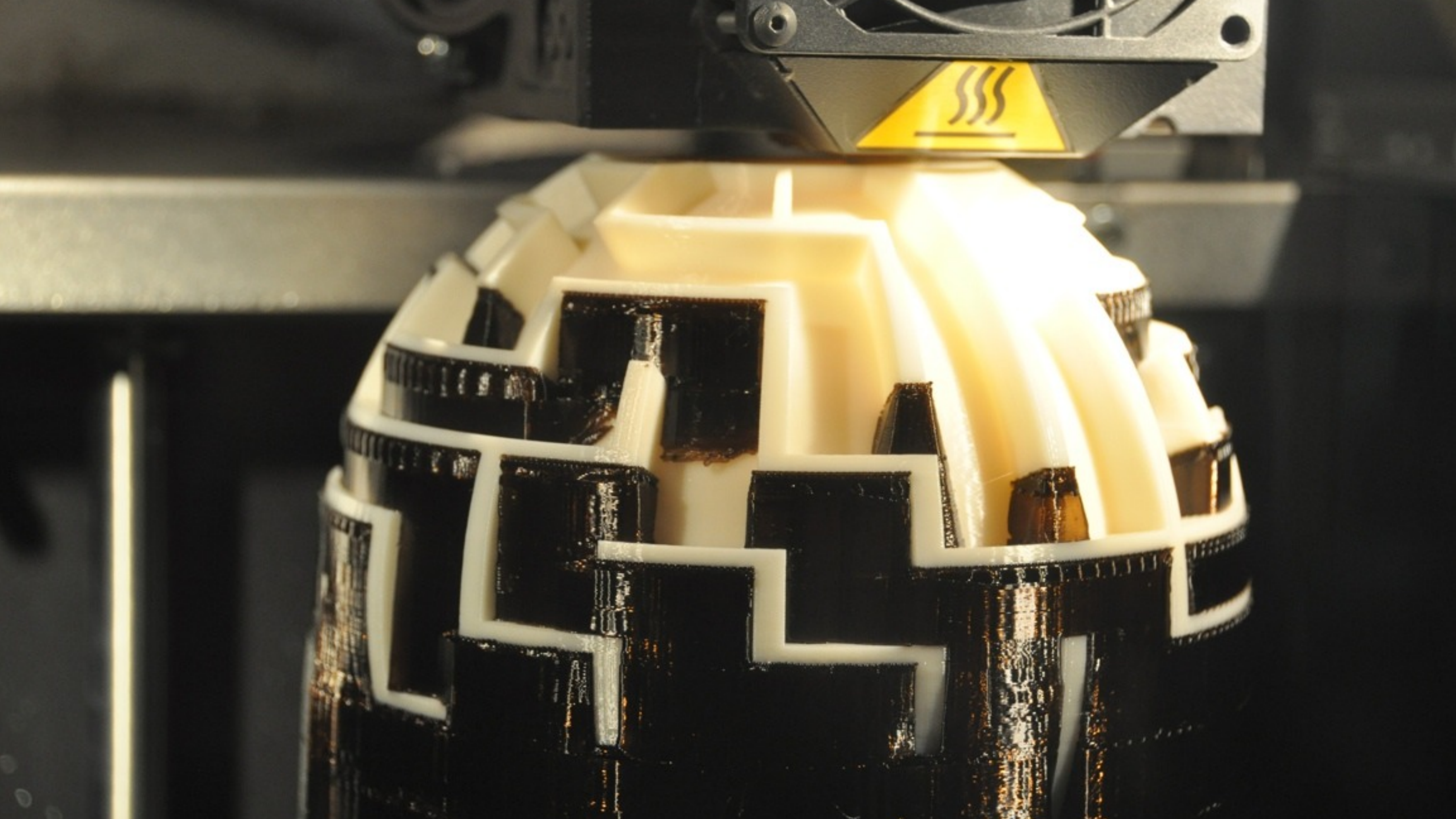






MEAM

SONIC
PS-875



material considerations
equipment capabilities
design/product needs

