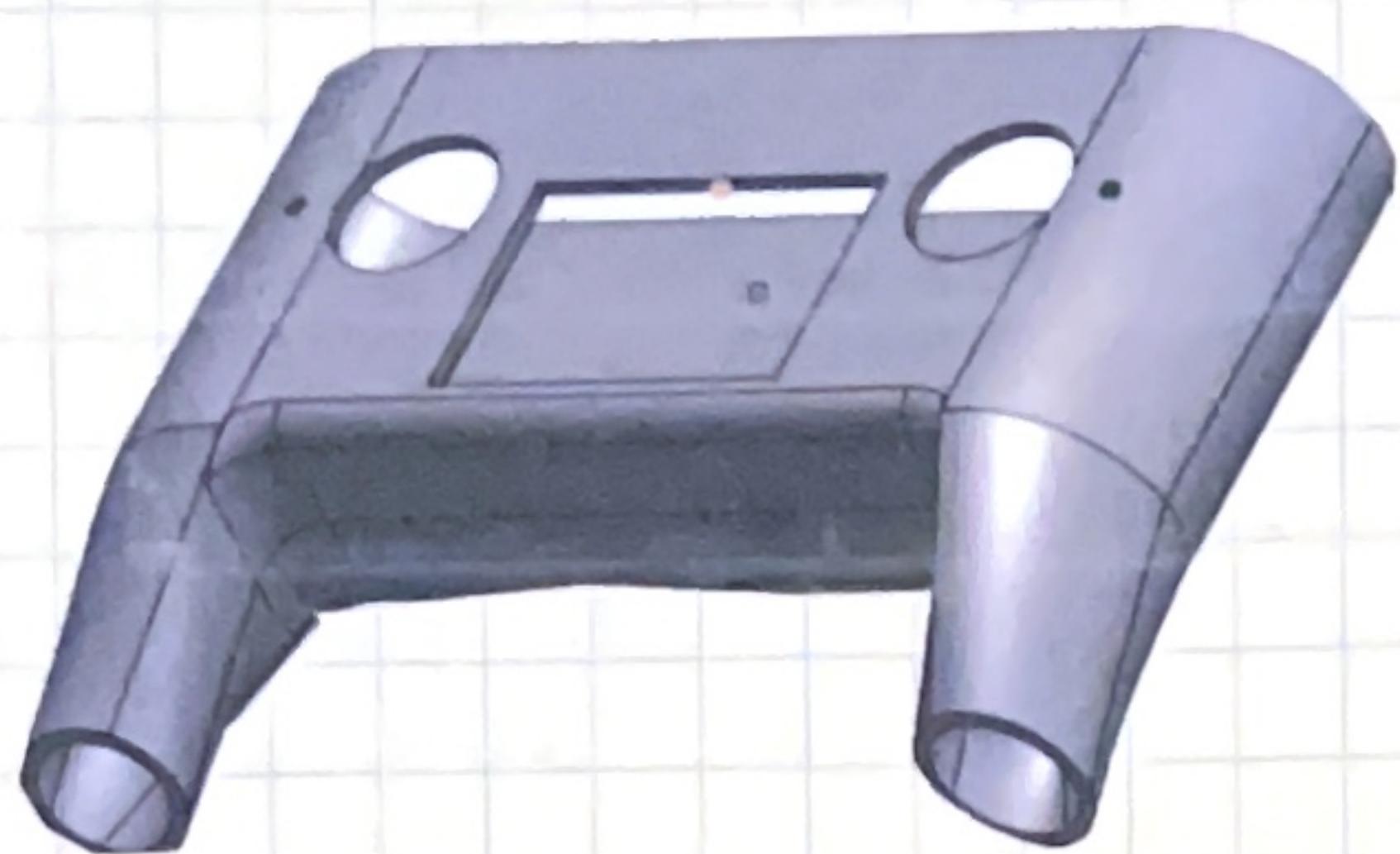


06/12/25  
Wesley  
Cocca

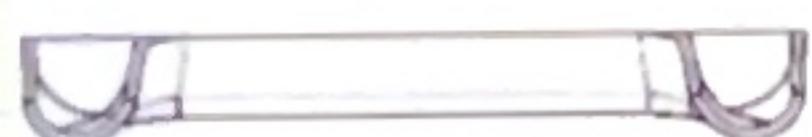
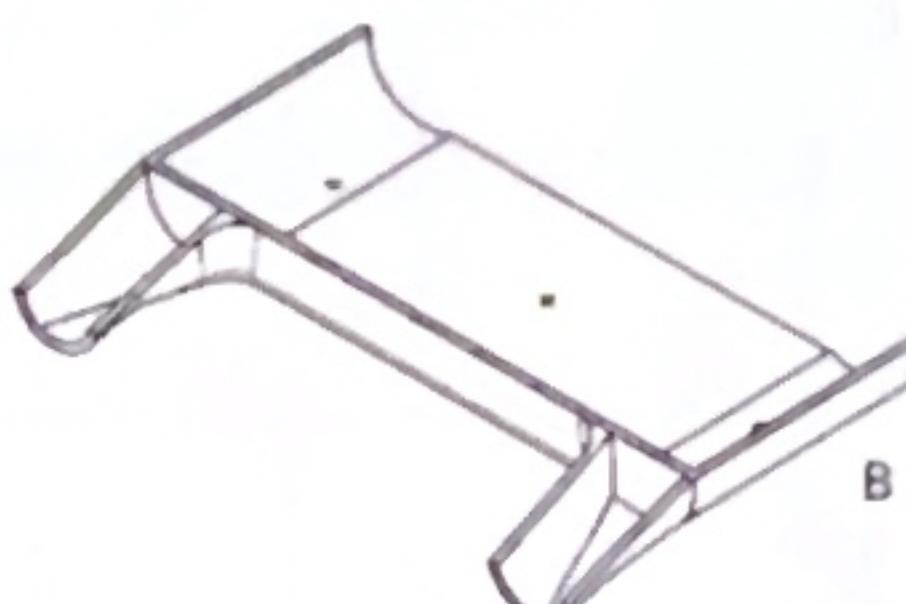
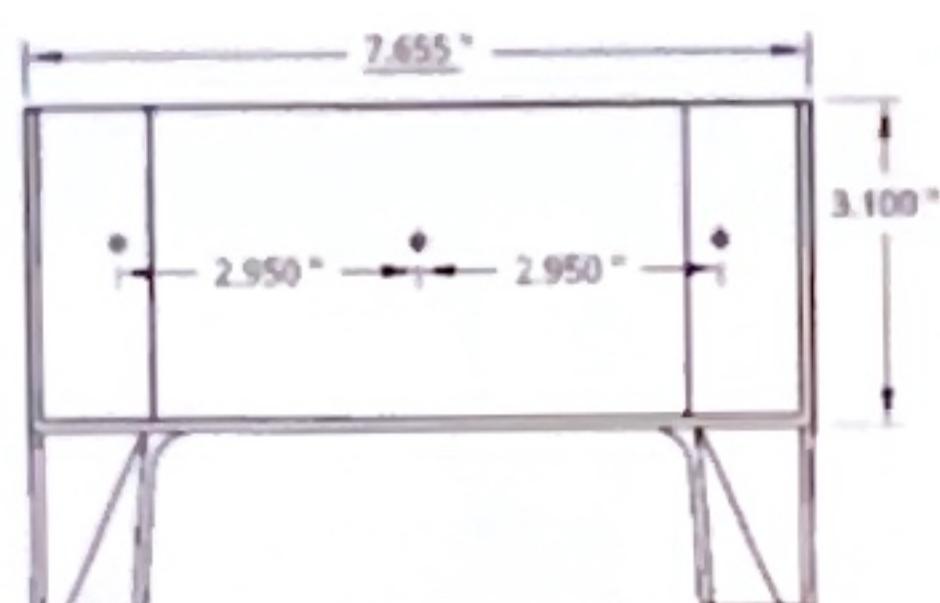
# Loft, Shell, Boolean tools Onshape for Remote Control

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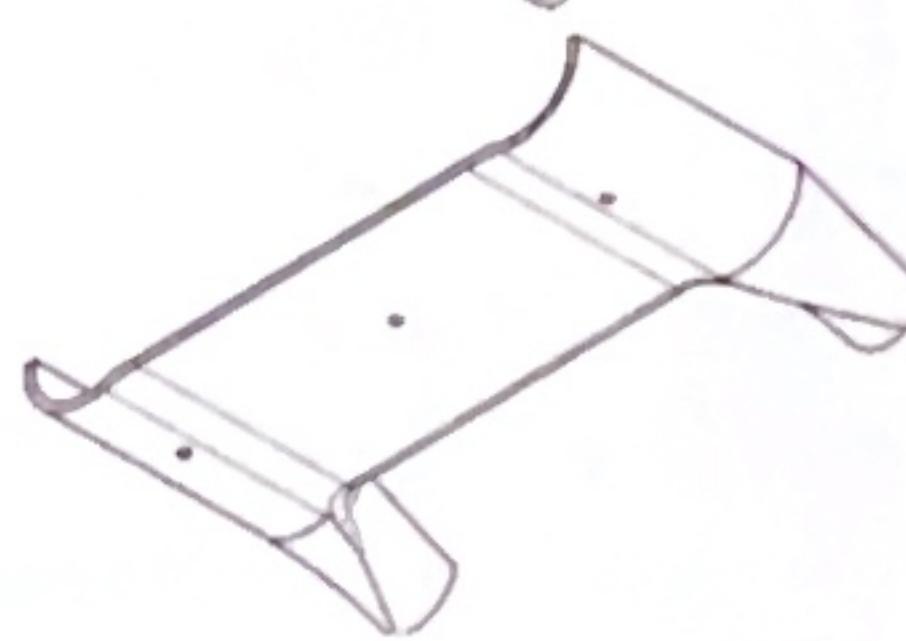


Redesigning our  
remote controller  
using new tools in  
Onshape

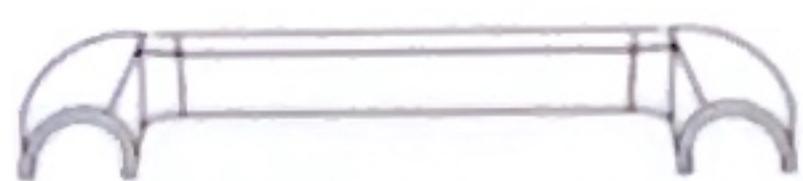
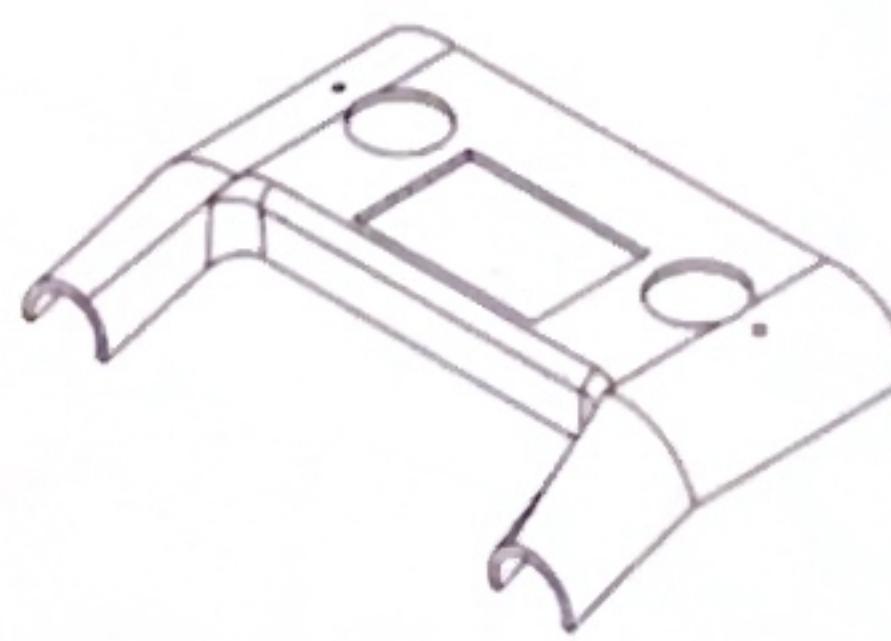
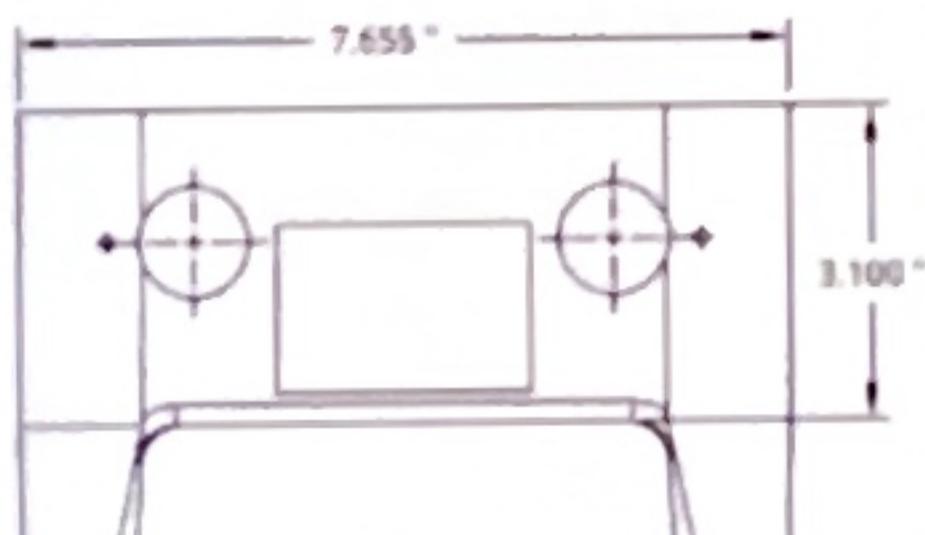
Onshape drawings:



You can either  
make a drawing  
and CAD around  
the drawing



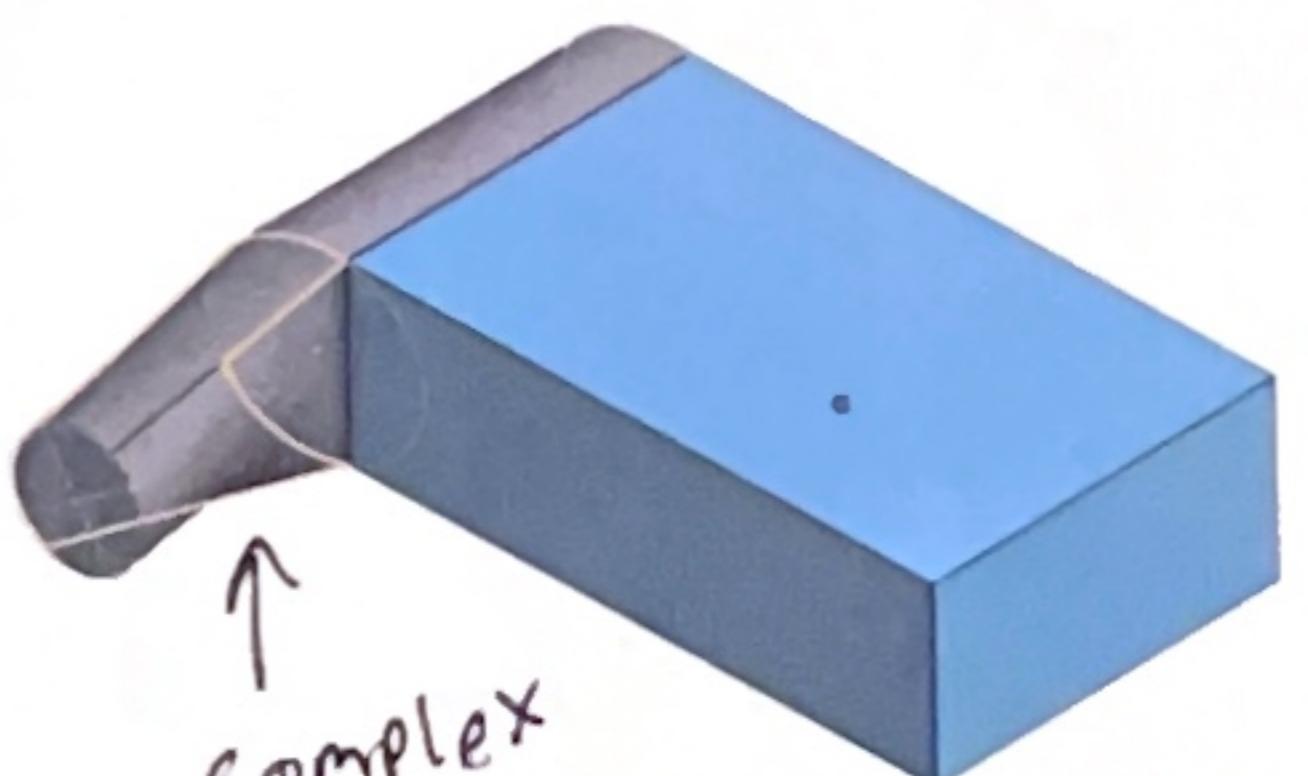
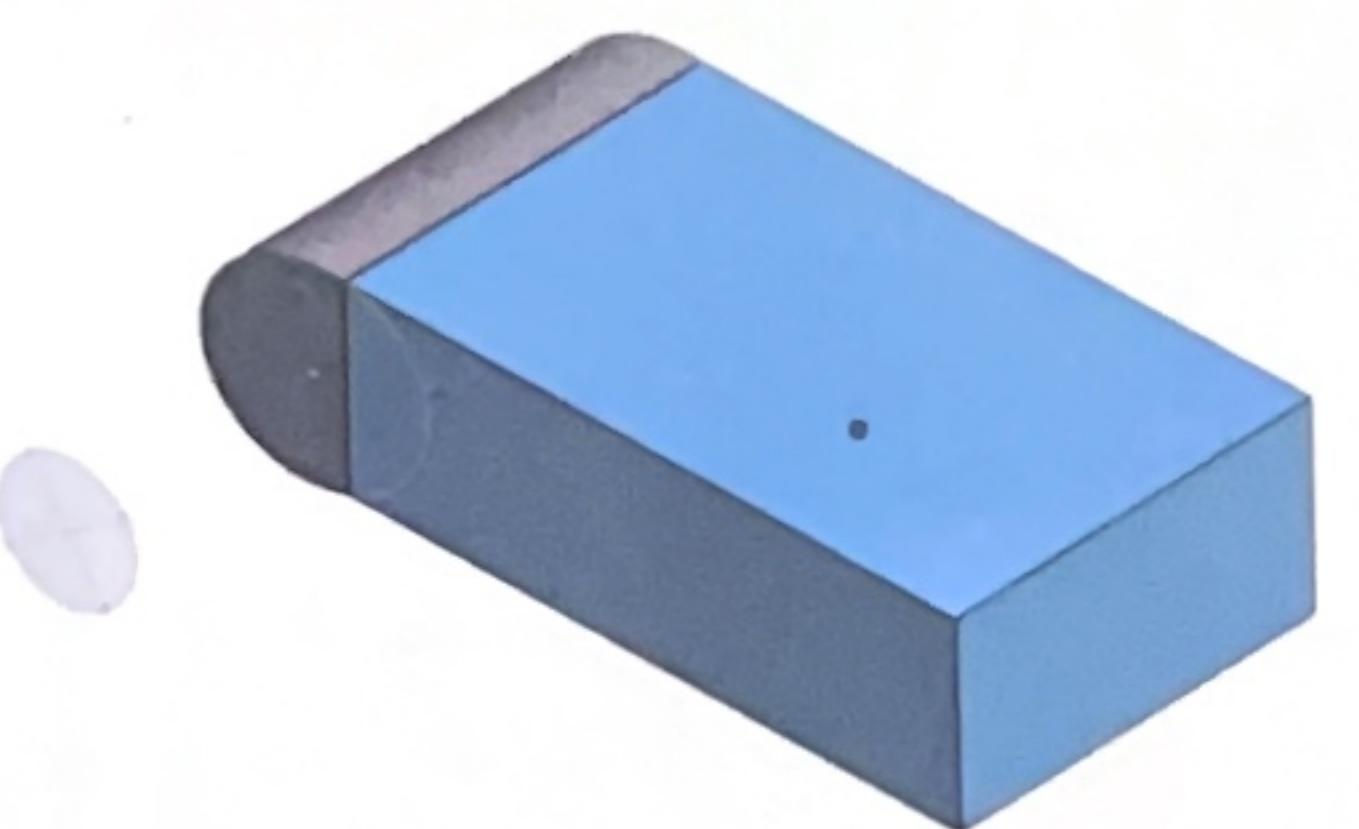
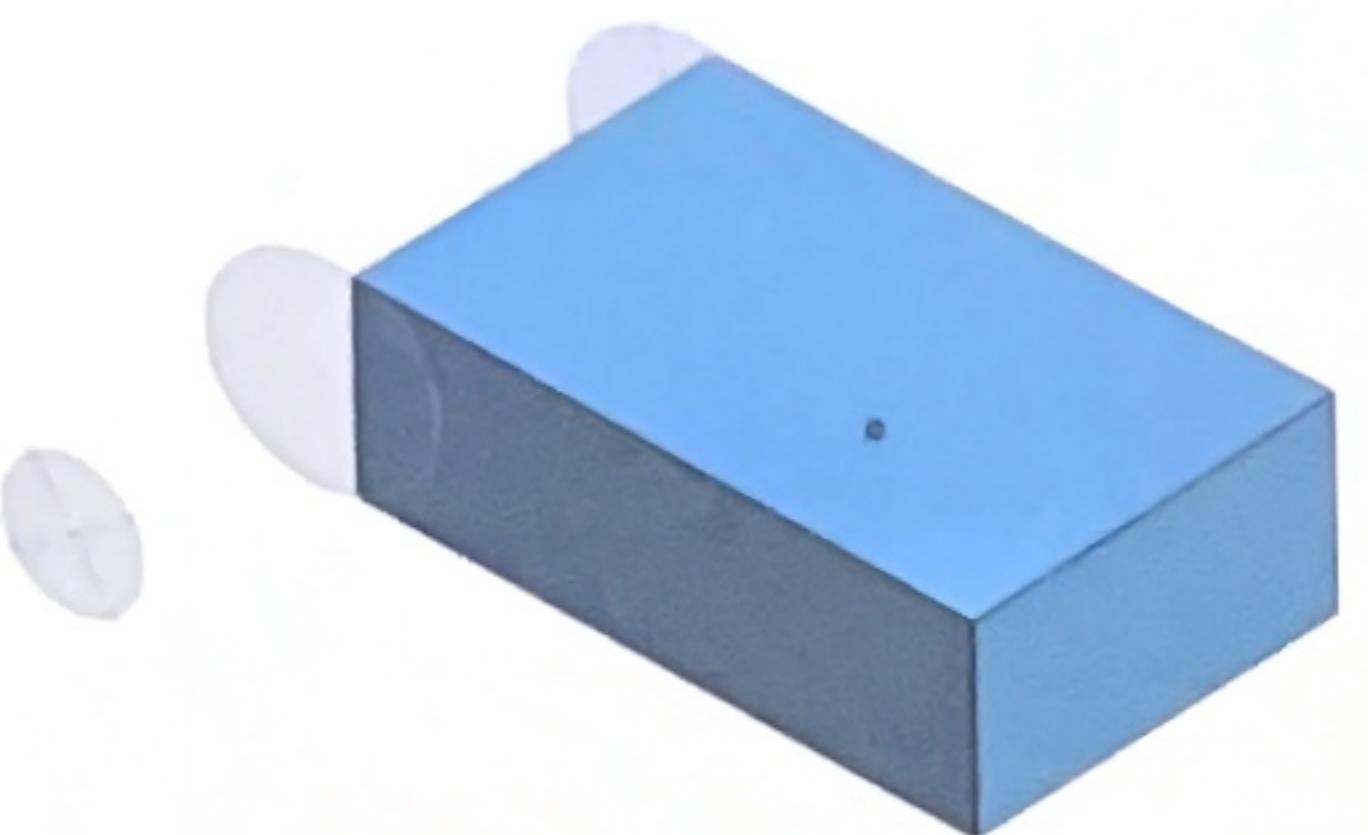
You can also  
have Onshape make  
drawings after you  
have already CAD.



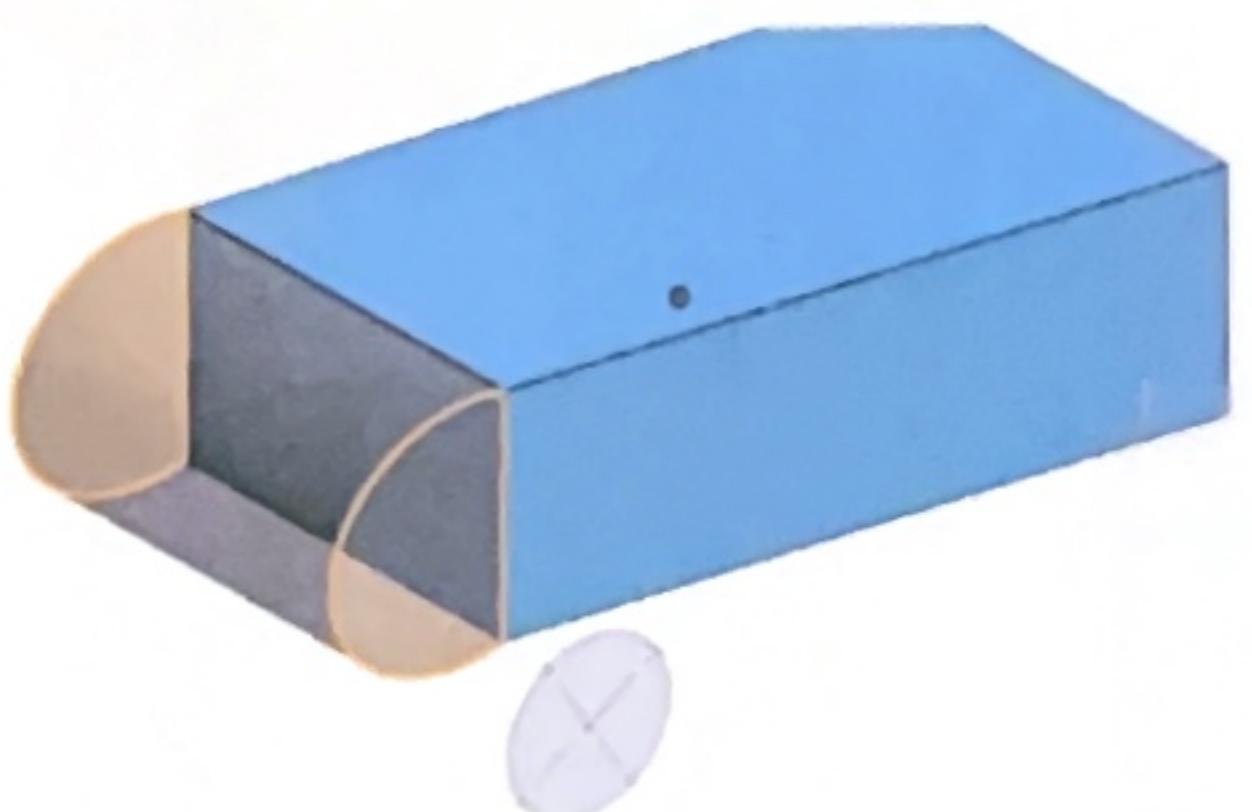
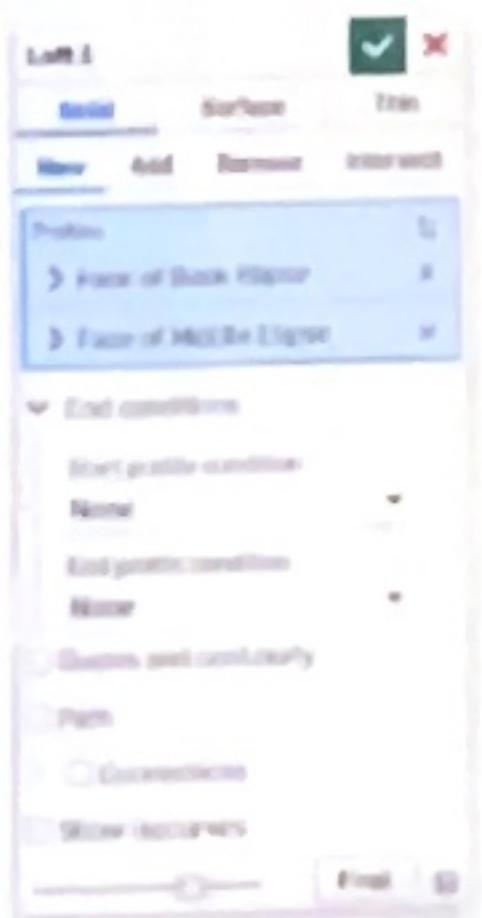
Places smooth faces between profiles



Loft



↑  
Complex  
Shape with  
minimum effort!



I placed two identical ovals,

Use the Loft tool between them.  
(This would be like a normal extrude)

I placed a smaller oval that was rotated slightly. The Loft tool had no problem connecting them.  
This is what makes this tool powerful.

06/12/25  
Wesley  
code

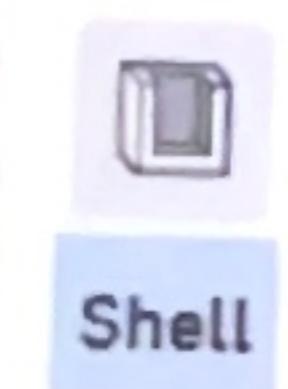
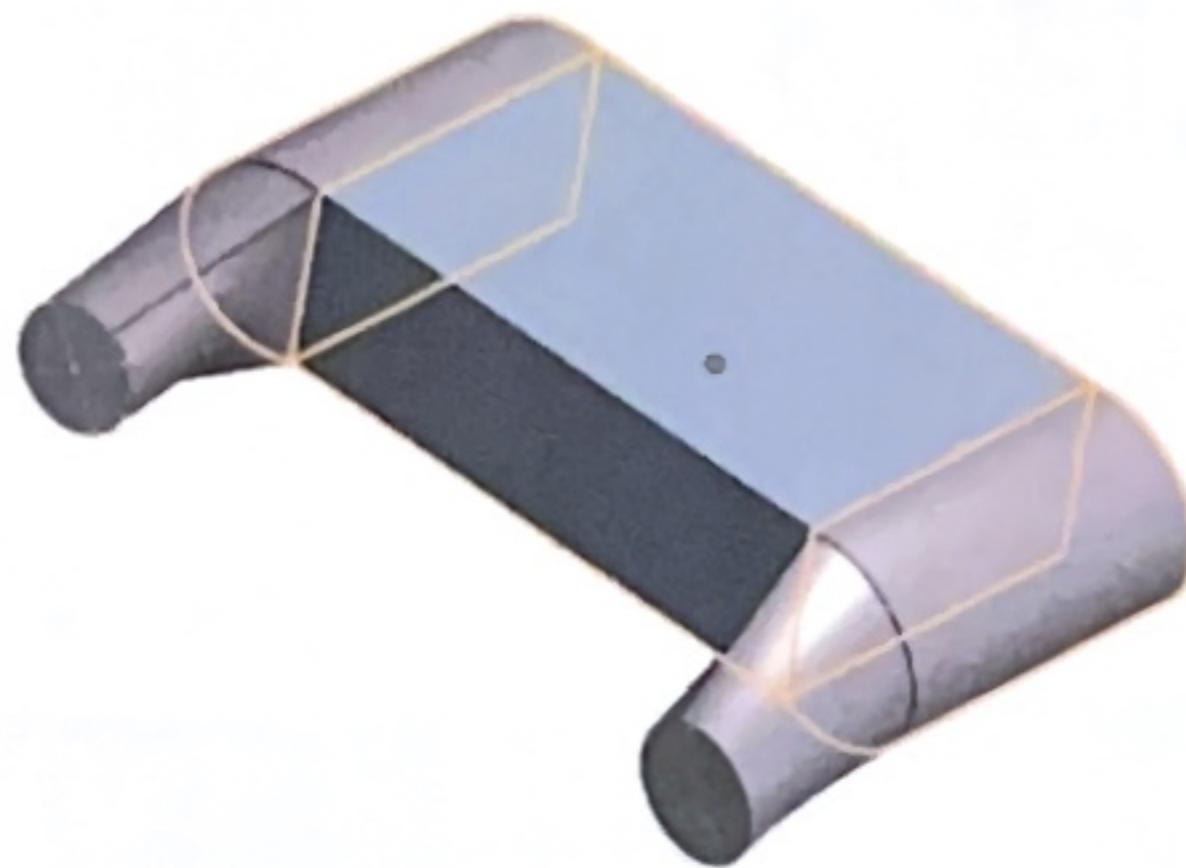
## LOFT, Shell, Boolean tools Onshape for Remote Control

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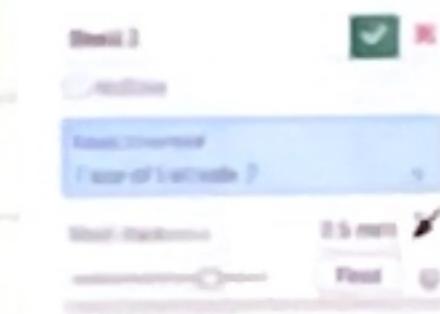
Boolean

Can do a union, subtraction or intersection of two or more parts.



Shell

Creates a thin wall by removing a face.



We used a union to make one part. Then we used the shell to remove the solid infill leaving 2.5mm walls!

Use fillets and face blends to round out sharp edges.

