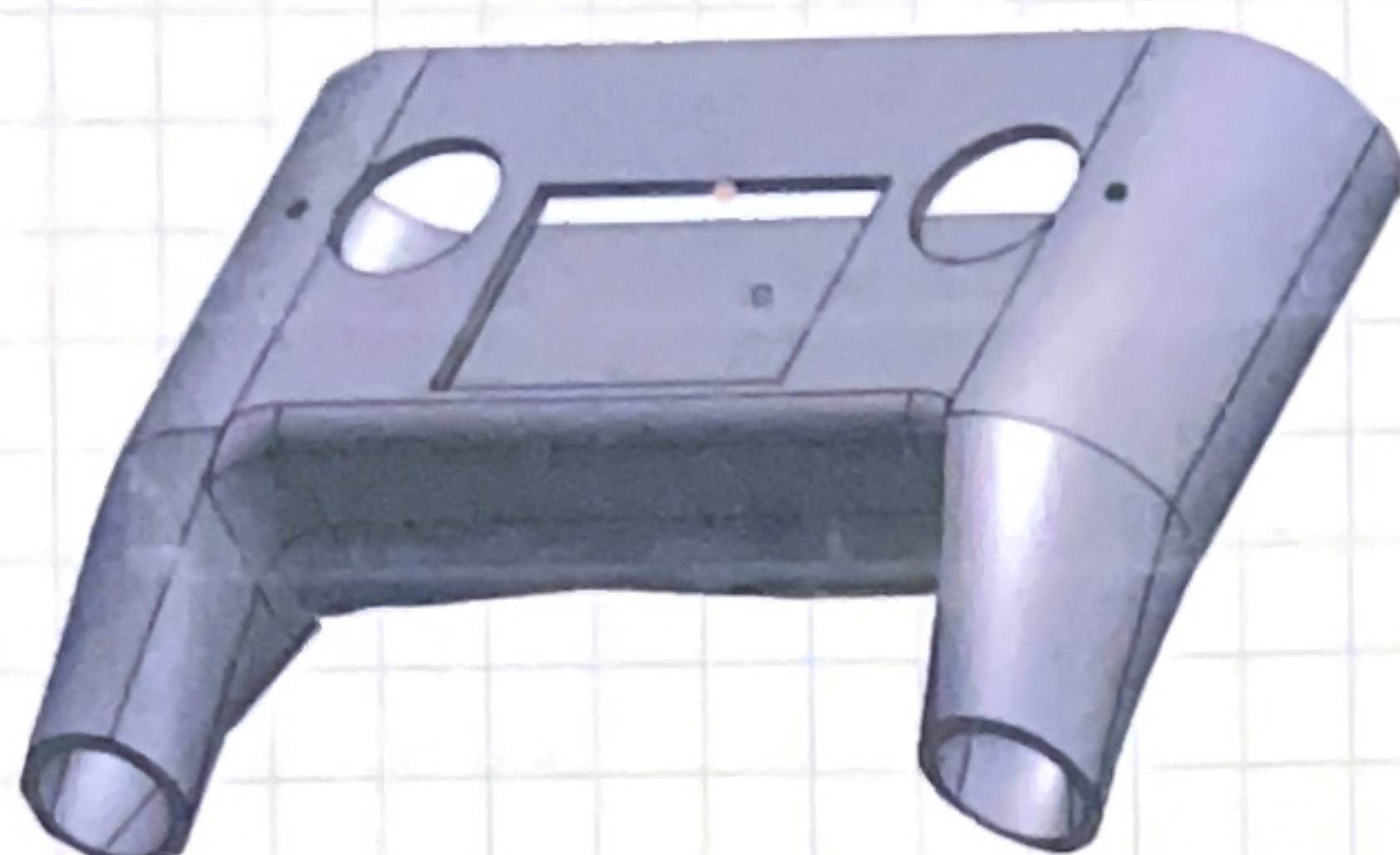


06/12/25  
Wesley  
Cocke

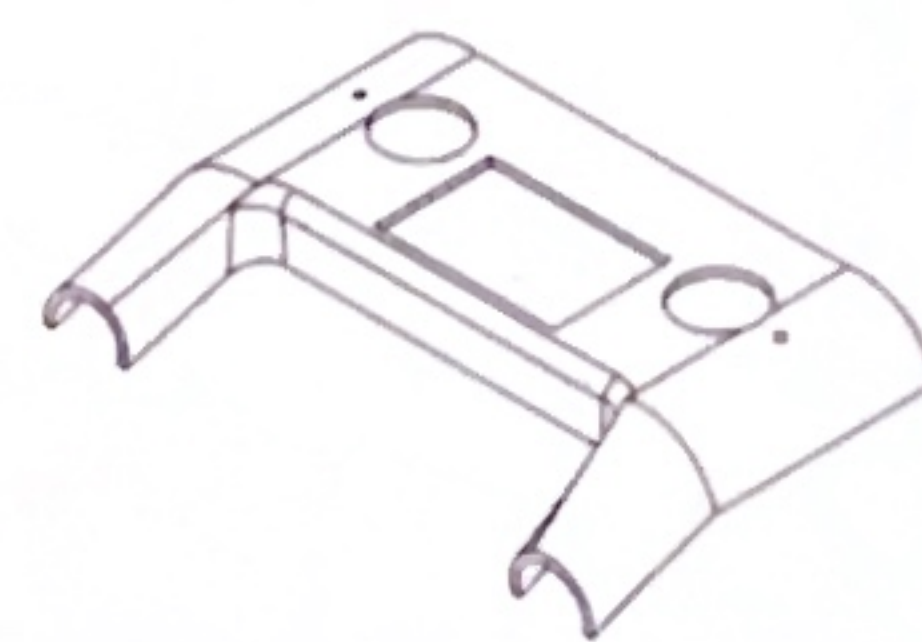
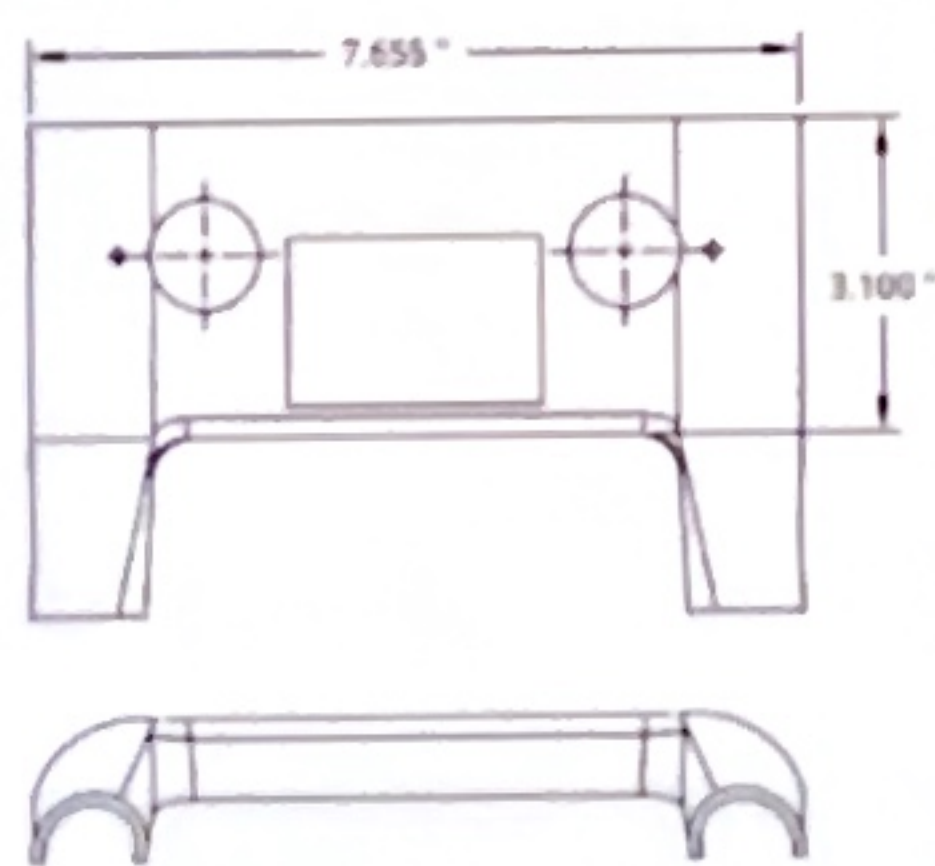
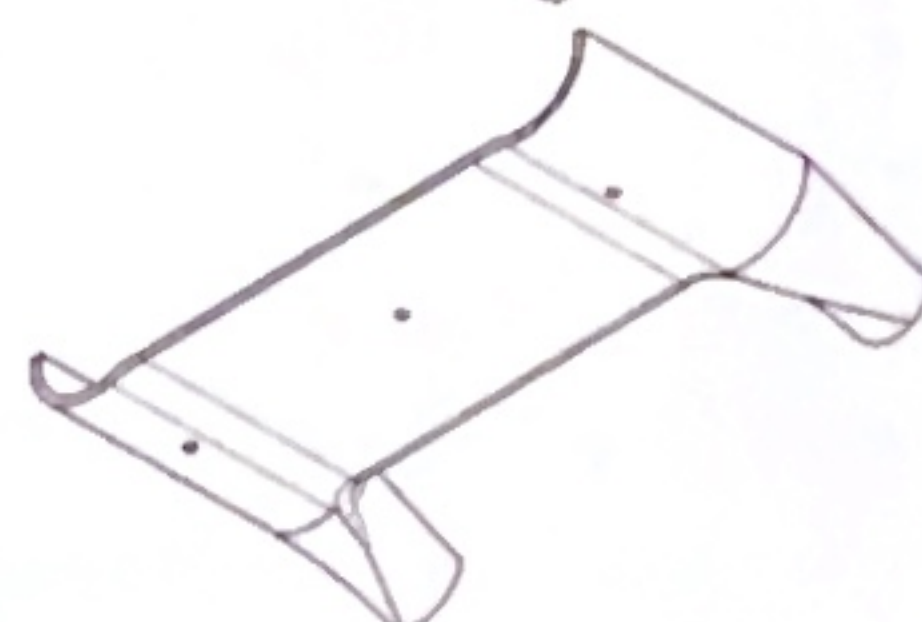
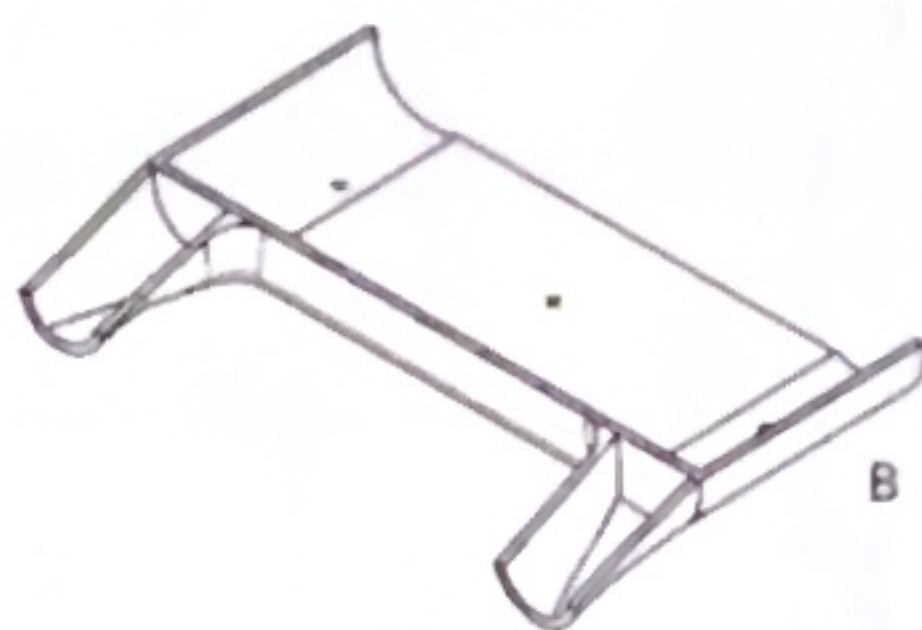
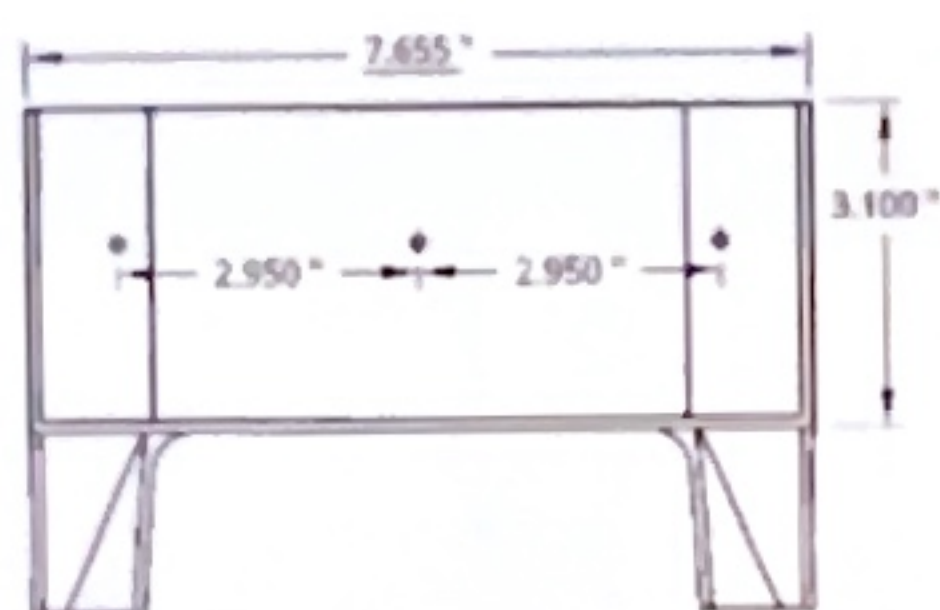
# Loft, Shell, Boolean tools Onshape for Remote Control

107



Redesigning our  
remote controller  
using new tools in  
Onshape

Onshape drawings:



You can either  
make a drawing  
and CAD around  
the drawing

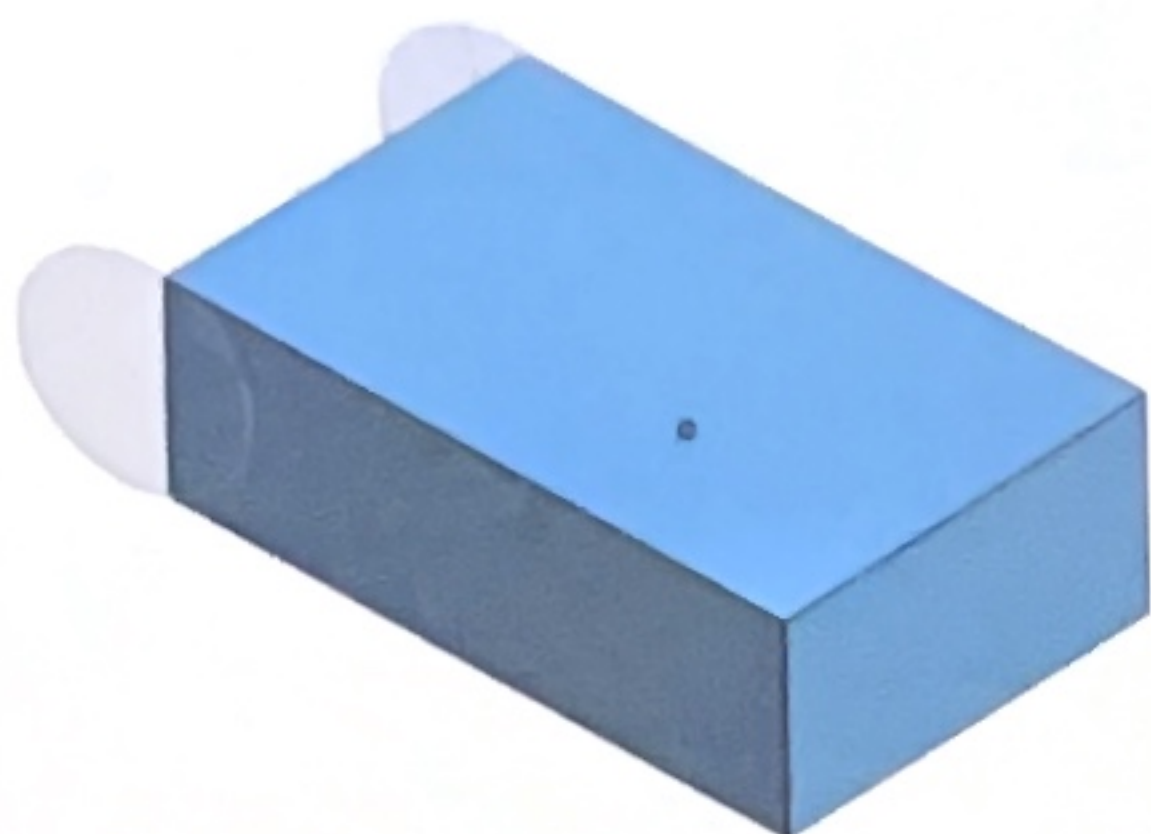
You can also  
have Onshape make  
drawings after you  
have already CAD.



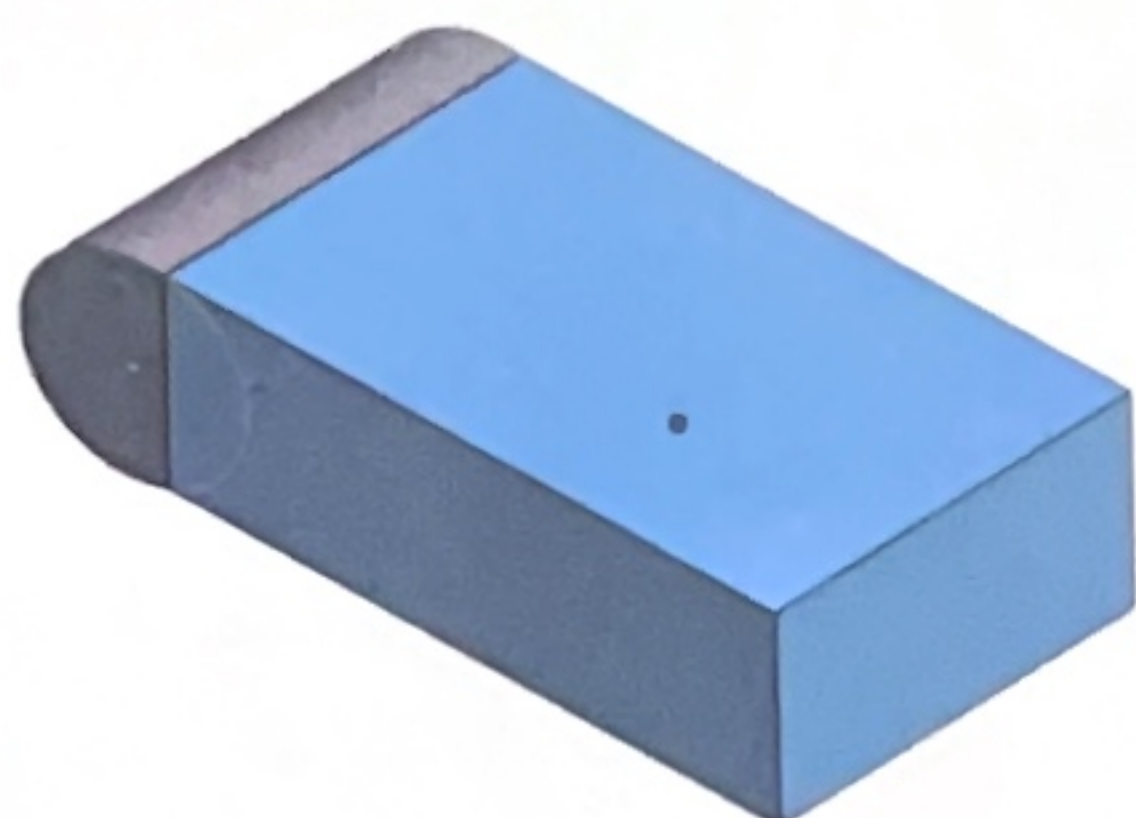
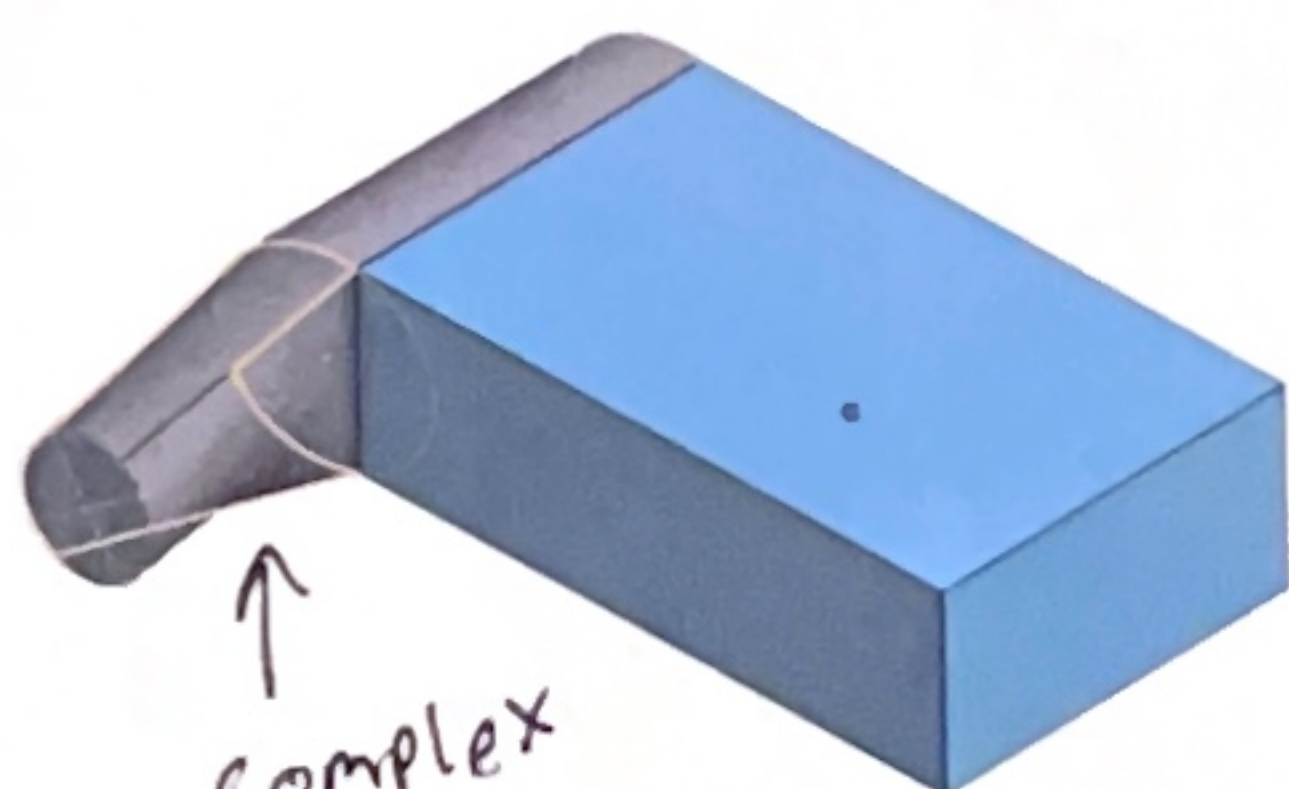
Places smooth faces between profiles



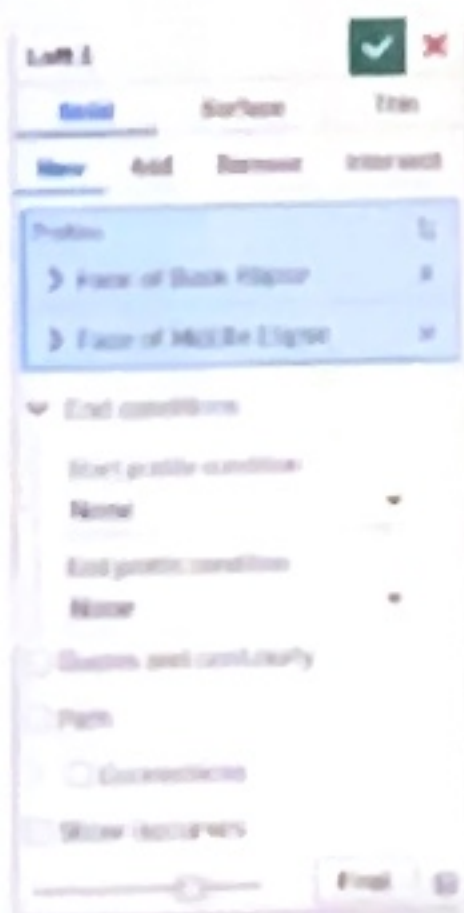
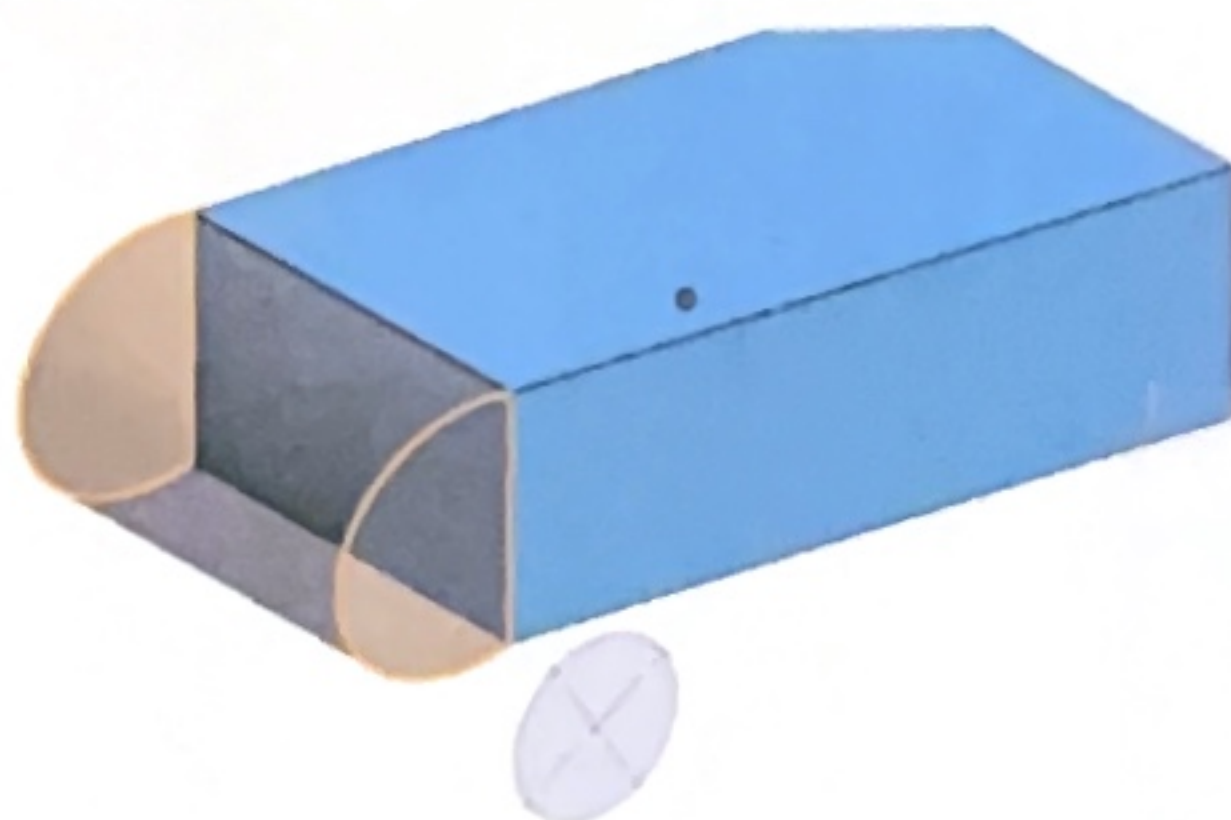
Loft



I placed two identical ovals,

Use the loft tool between them.  
(This would be like a normal extrude)Complex  
Shape with  
minimum effort!

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  
coker

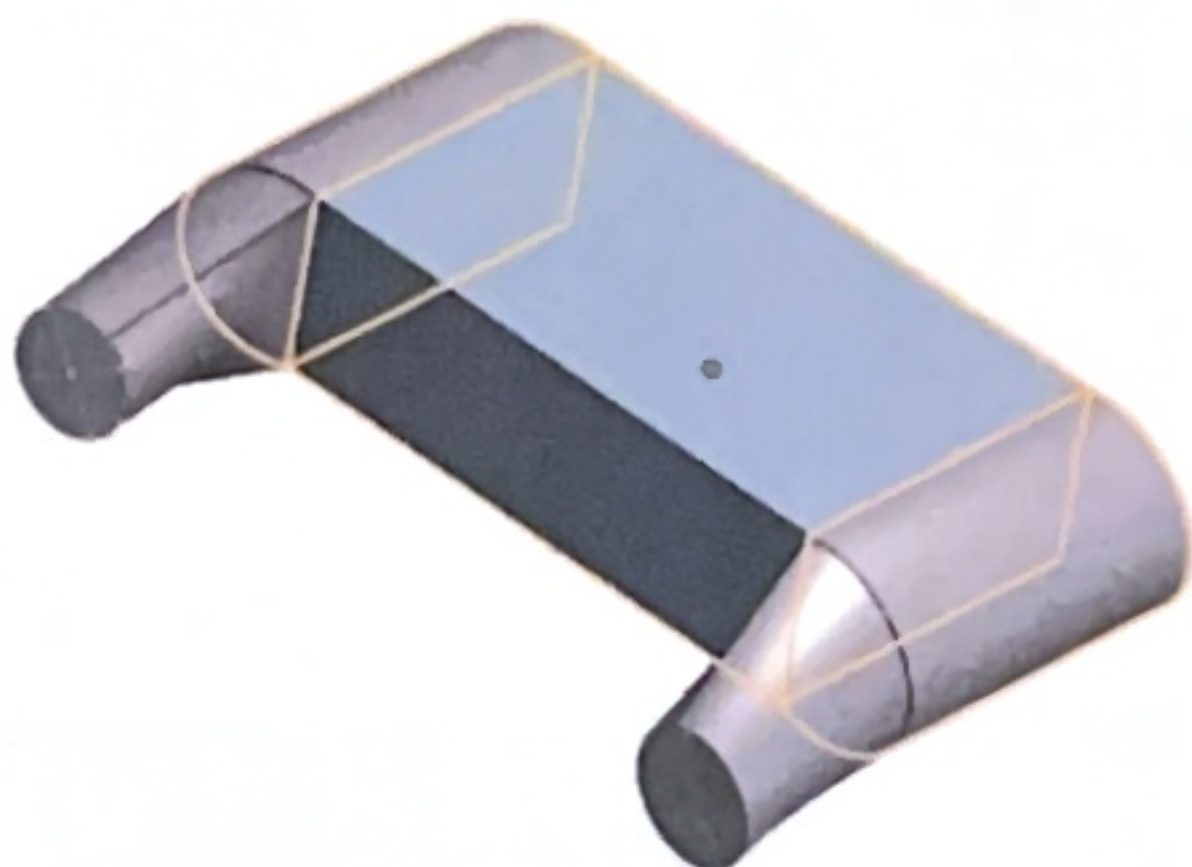
# Loft, Shell, Boolean tools Onshape for Remote Control

109



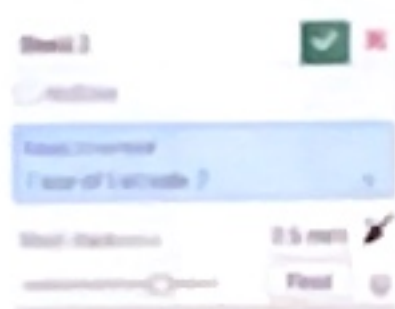
Boolean

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

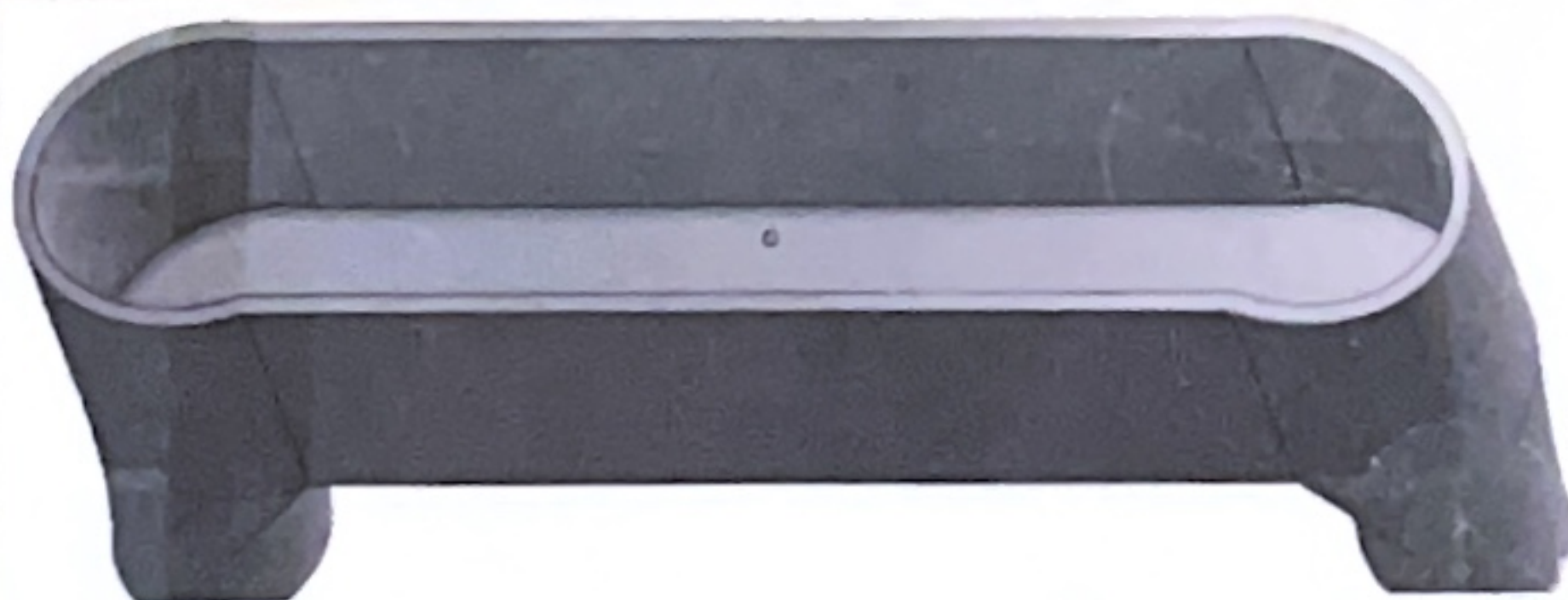


Shell

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.

