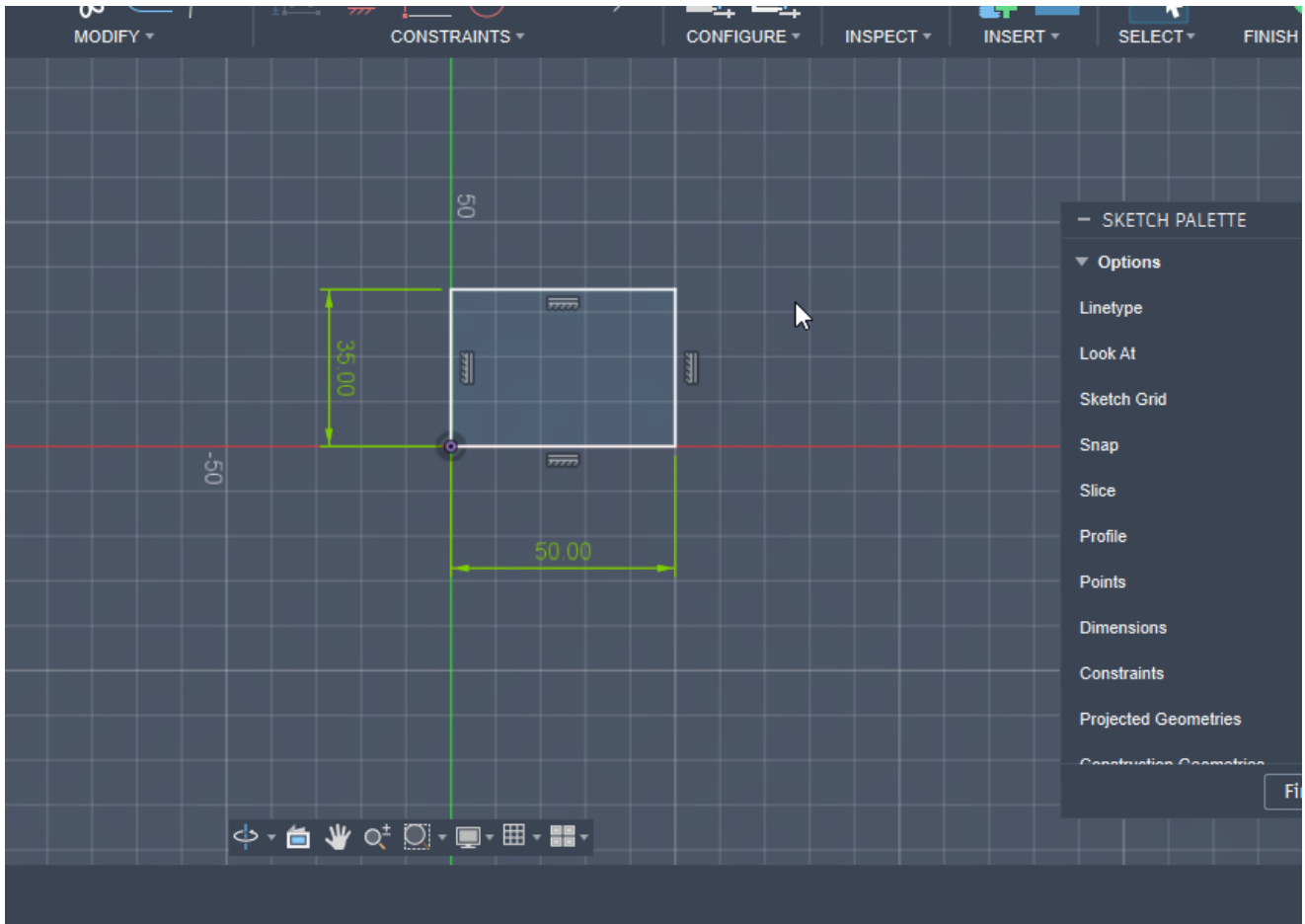


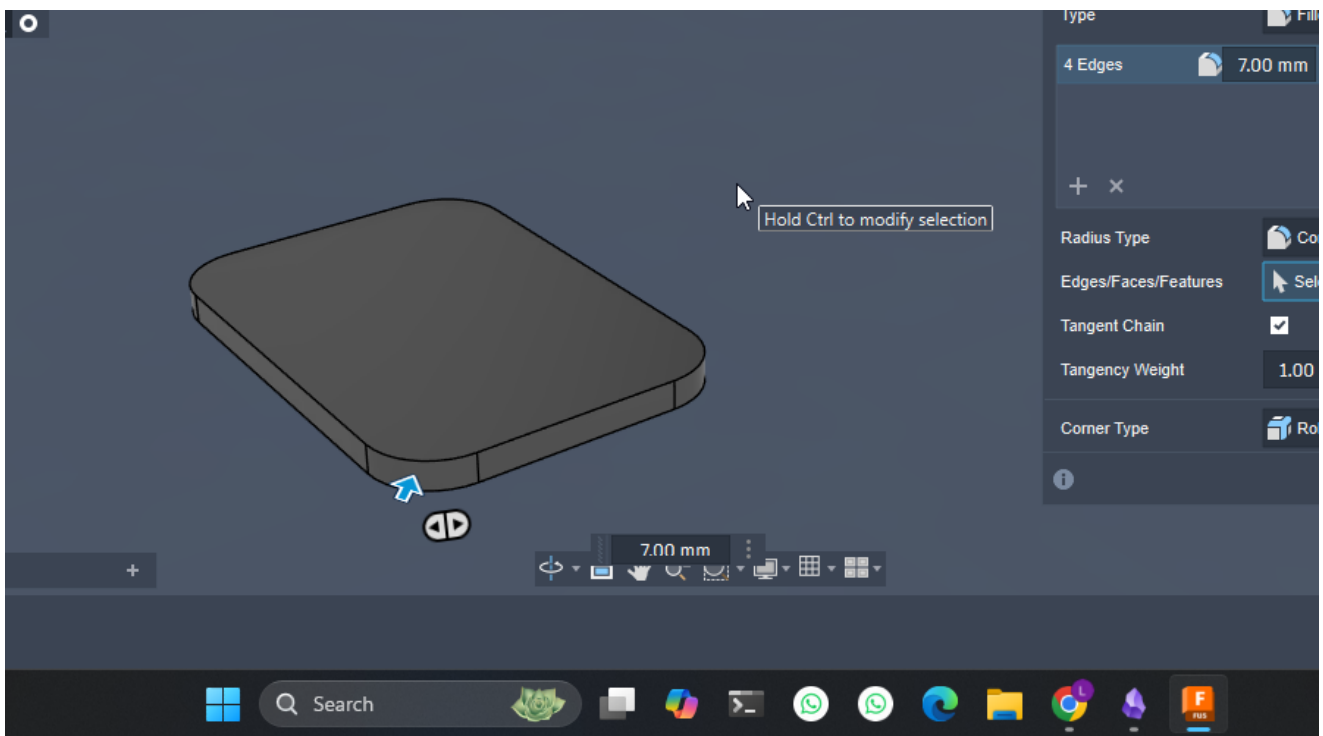
One-Part Mold



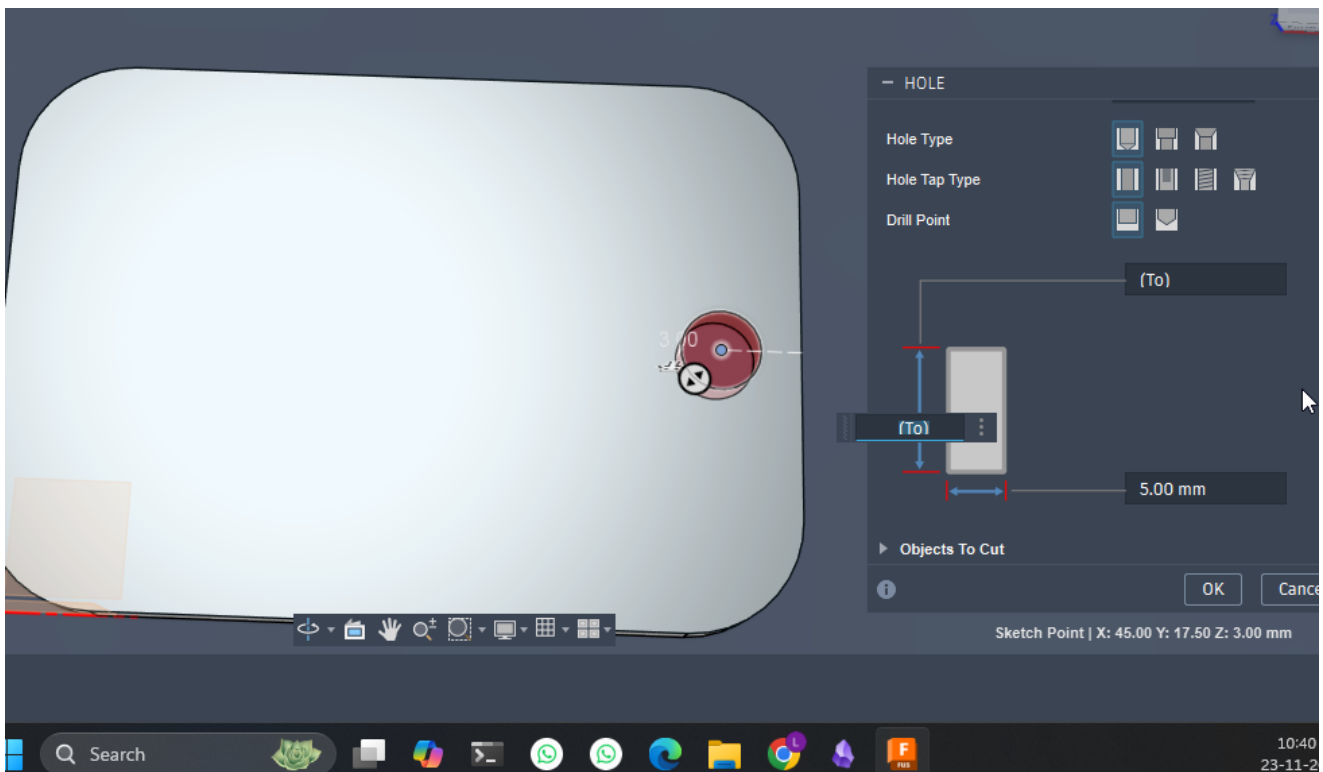
Draw this sketch.



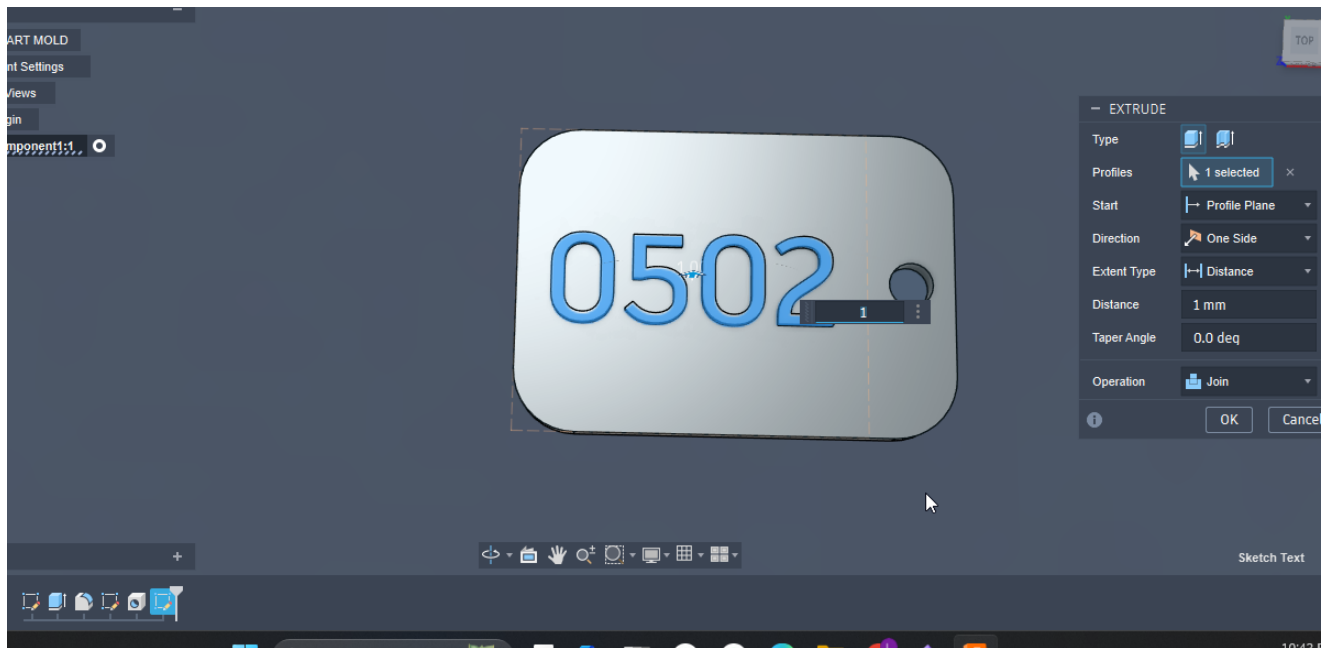
Extrude **3 mm**.



Apply a **7 mm fillet** on all edges.



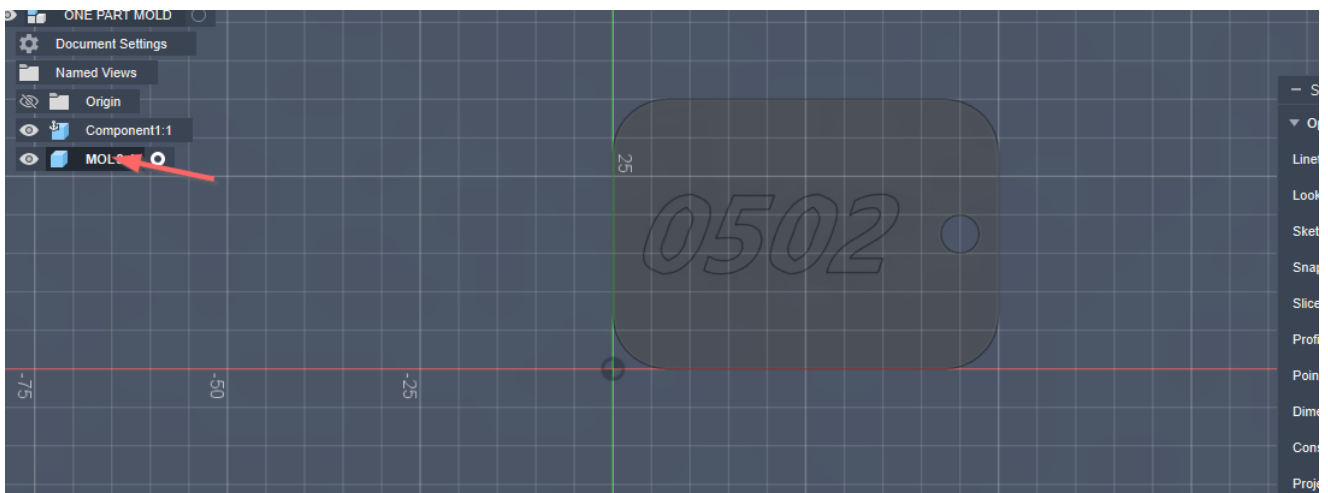
Create the hole for the keychain.



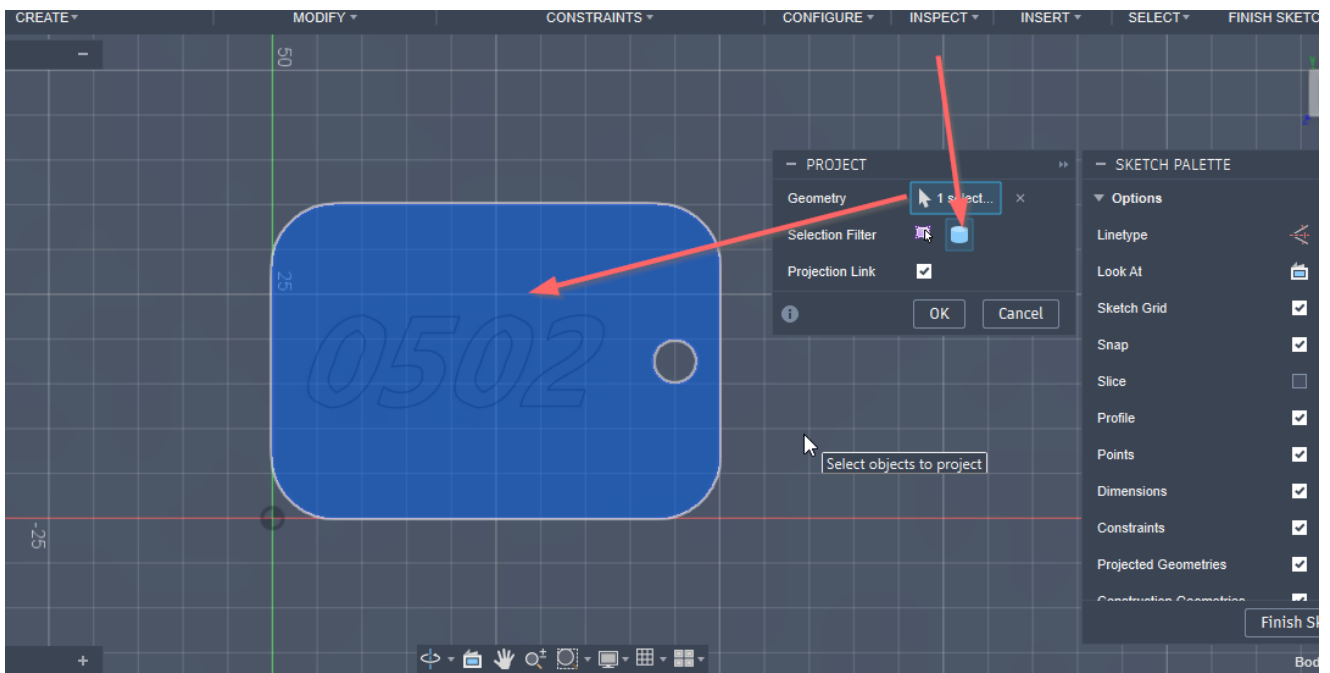
Add "0502" text → extrude 1 mm.



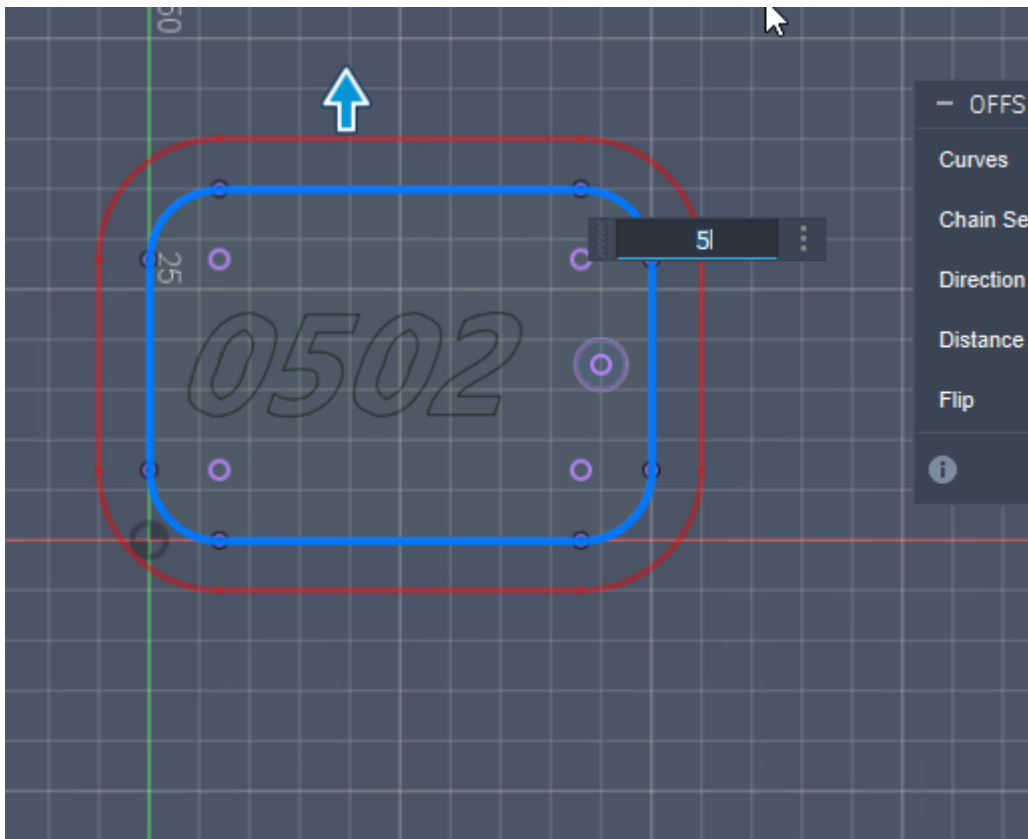
Create a new component named **Mold**.



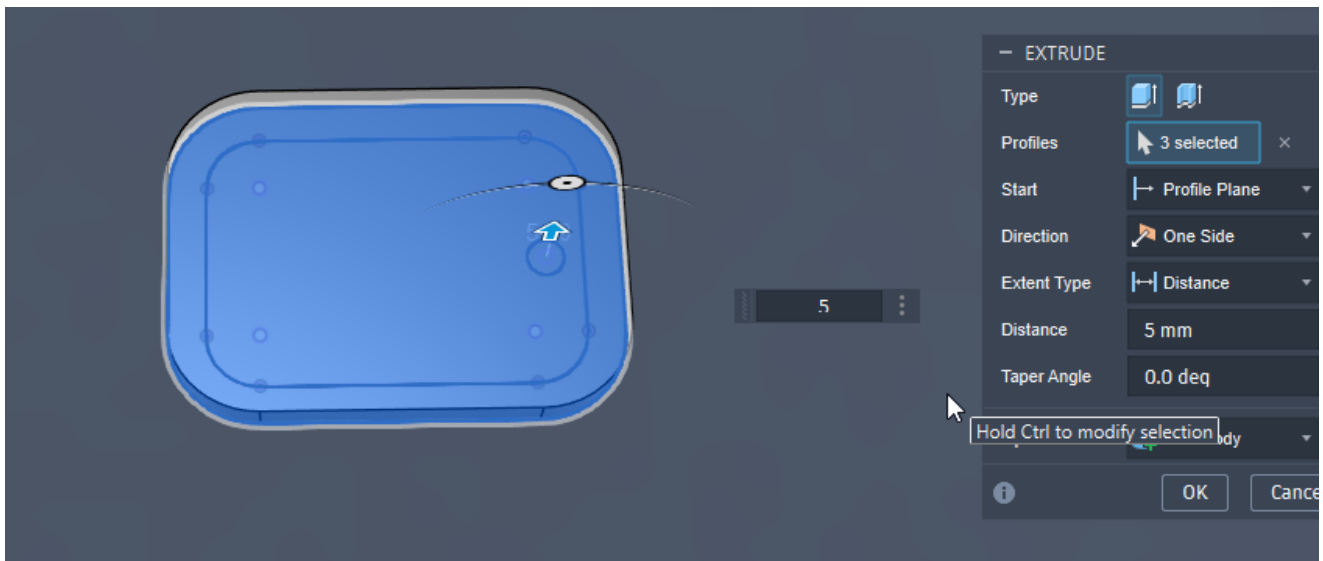
Create a sketch on the **XY plane**.



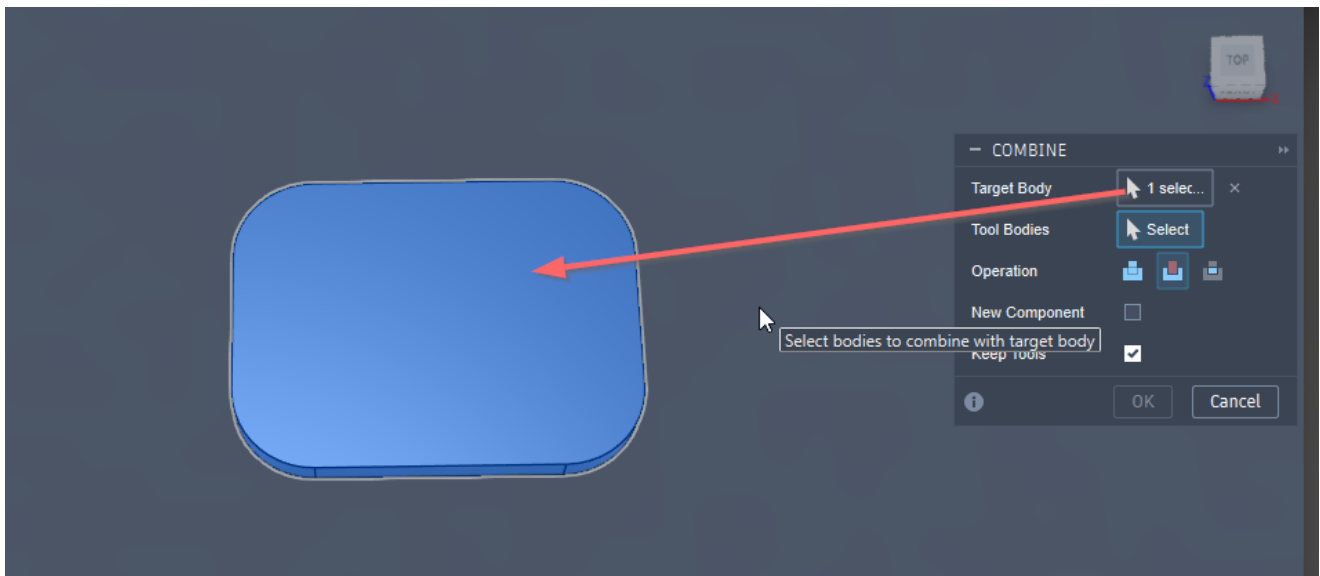
Use **Project** → **Bodies** to project the keychain outline.



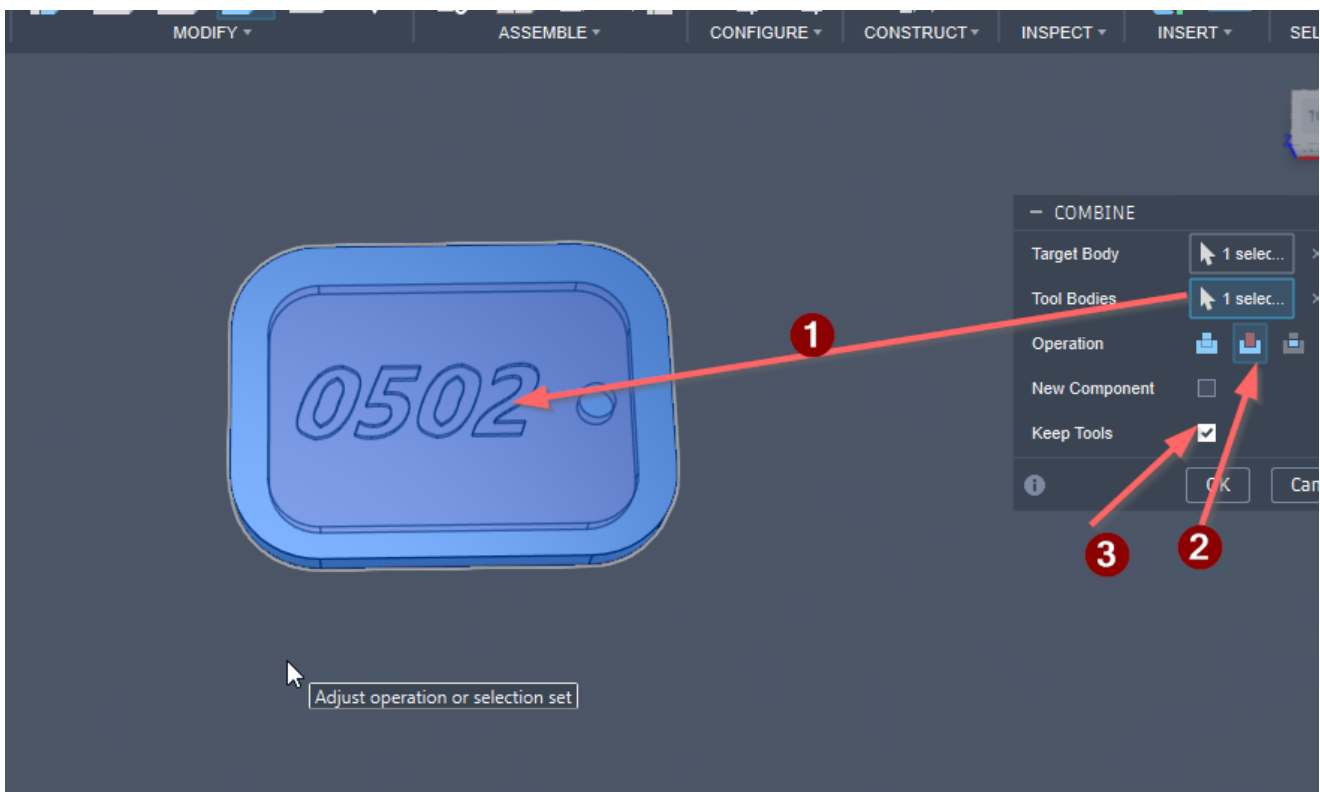
Create a **5 mm offset** around the projected shape.



Extrude the entire shape **5 mm**.



Use **Combine** → **Target Body** = **Mold**.



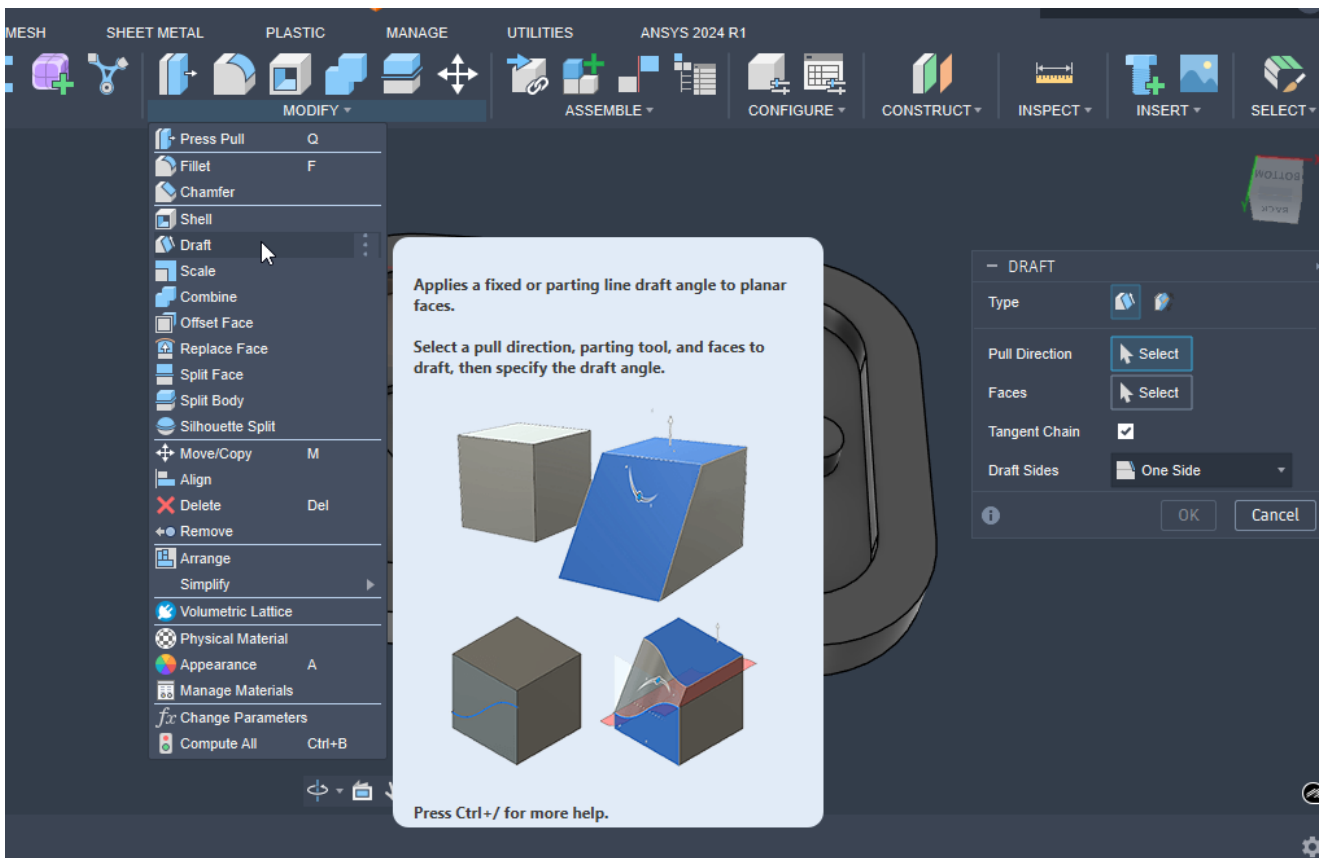
Select the **Keychain** as the tool body.

Operation = **Cut**.

Keep Tools = **On**.

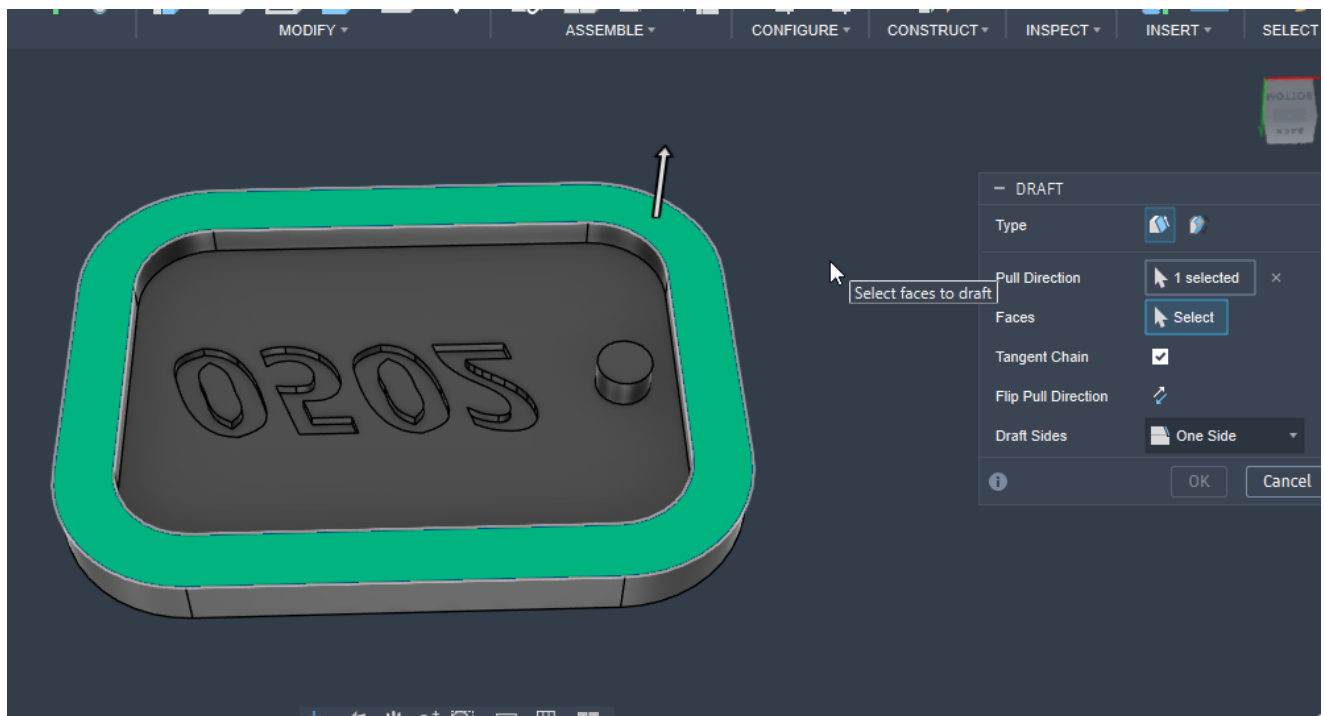


Result.

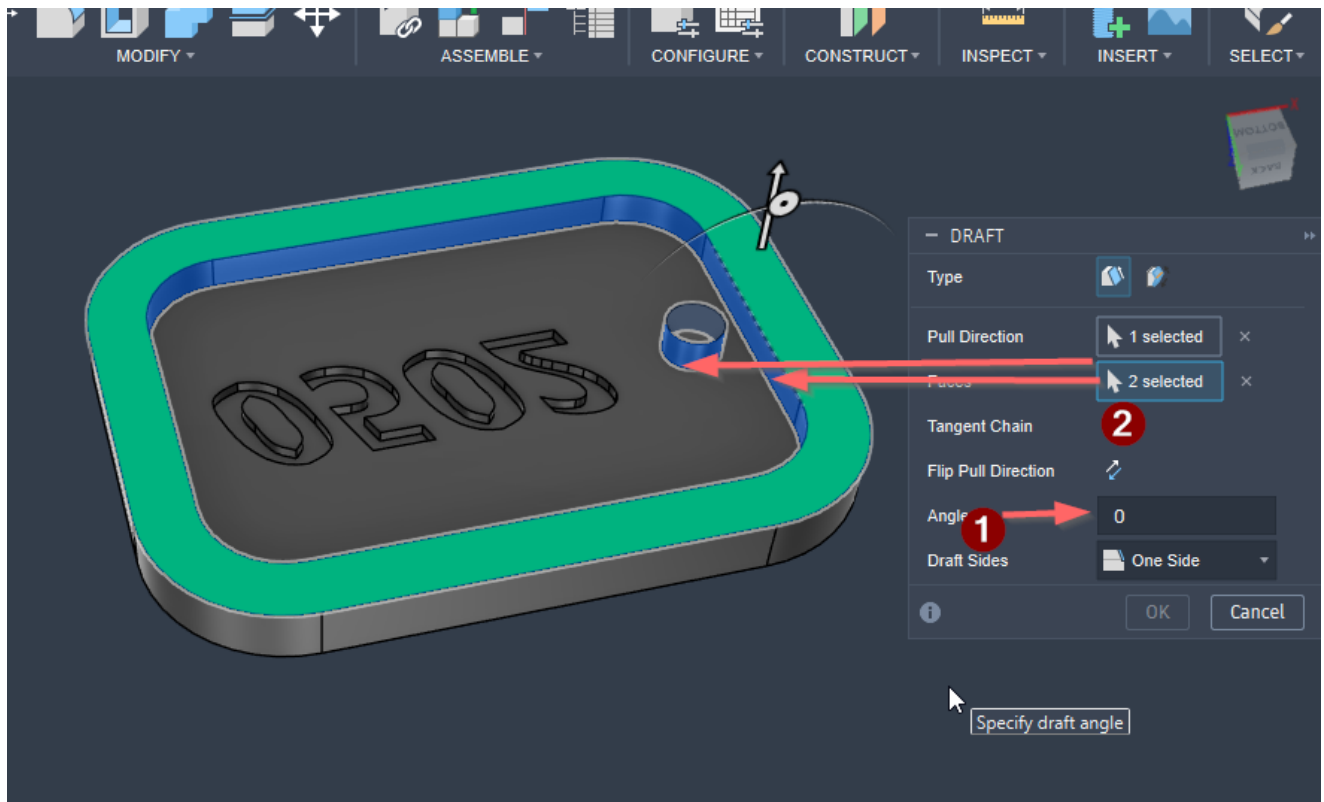


We will now use **Draft**.

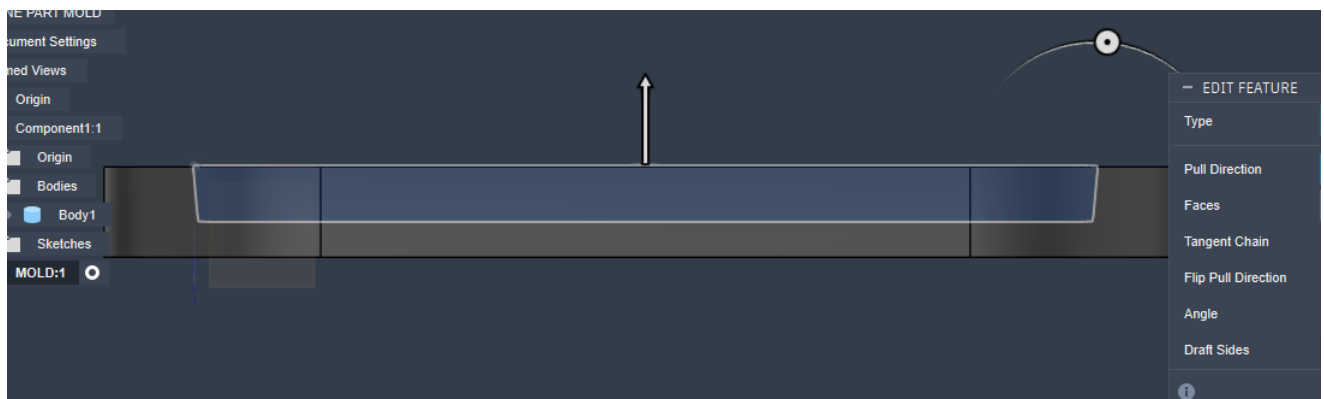
(Chamfer could also work, but Draft is the proper mold tool.)



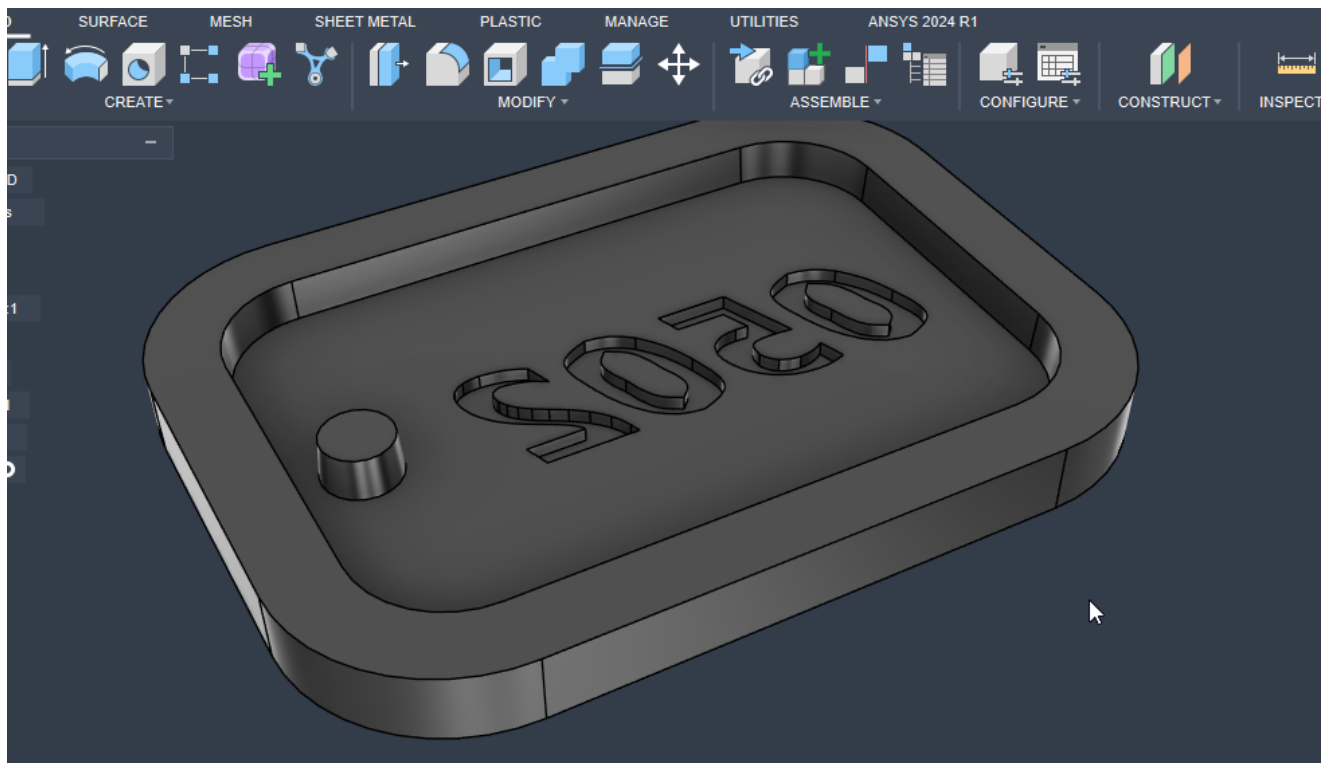
Select one face to define the **pull direction** (upwards).



- 1 — Temporarily set angle to **0°** to easily select all faces
- 2 — Select the faces that need draft
- 3 — Enable **Tangent Chain** if required



Before confirming, make sure the draft bends outward like this.
(This ensures the molded part can be removed.)



Done.