How To Make: Magnets

Fort Frances Public Library Technology Centre

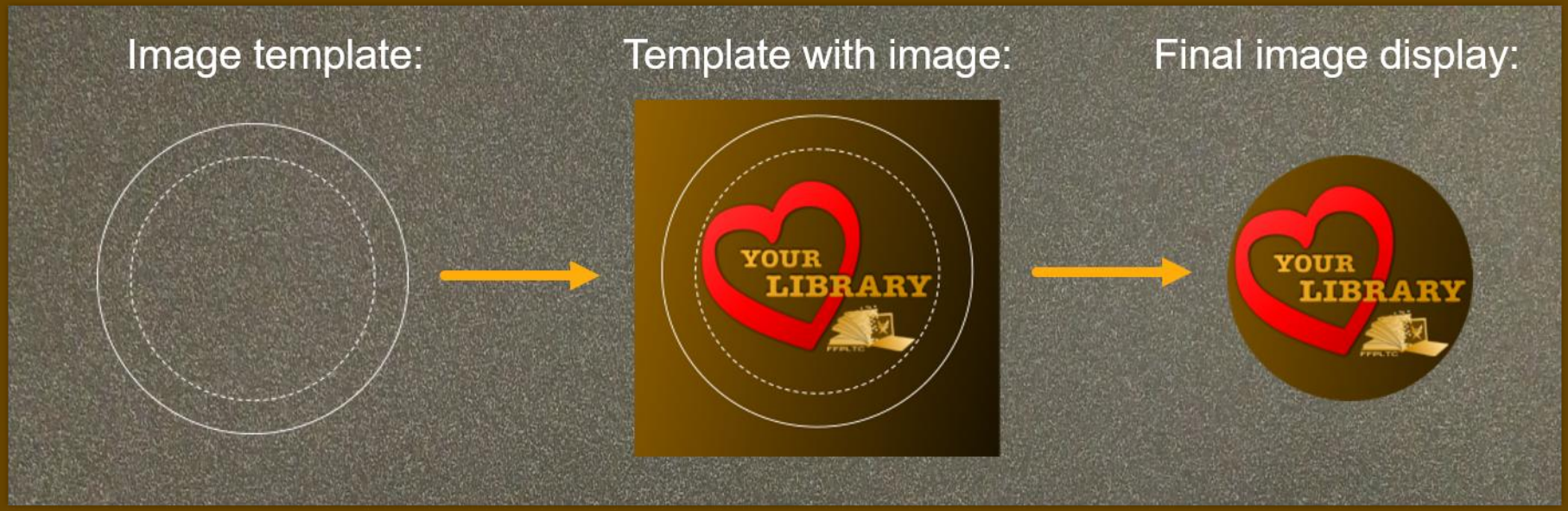
You Will Need:

Materials from left to right:

- Shell
- Image
- Collet (base ring)
- Magnet
- Mylar (plastic cover)

Resize an Image

Ensure the image being cut fits into the image template. This is best done by having a digital copy of the image that can be scaled to fit as desired. The image being displayed fits the inner circle of the template while the outer circle represents the "*bleed area*" that will wrap around the button's edge.



Remove circles from the template for a clear image. Print the images when they are the correct size.

Cut The Image

- Roughly cut a strip around the image so that it is able to fit inside the circle punch.
- Insert the strip of paper in the slot and centre the image to be displayed.
- Be mindful that the edge of image will be in the *bleed area*.

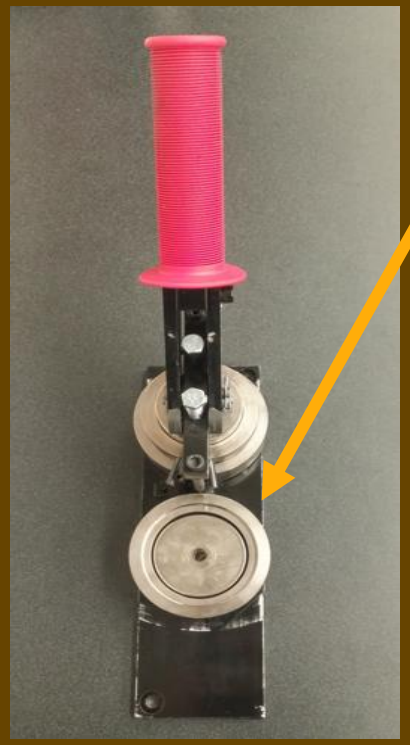
Do not attempt to cut metal with this tool

- Push the lever all the way down away from yourself.
- Push the image out from the bottom with your fingers, or the lift when using the small circle punch.
- Return the lever to it's upright position and remove any scraps.

Button Maker

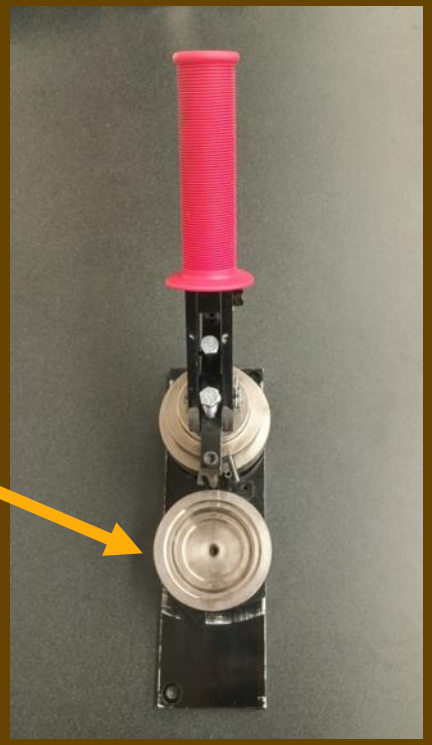
Handle:
Begin with the handle upright

Die Table:
This area rotates to expose each die individually



Pickup die:
The flat surface ensures the shell, image and Mylar are level

Crimp die:
The recessed area ensures room for a variety of accessories

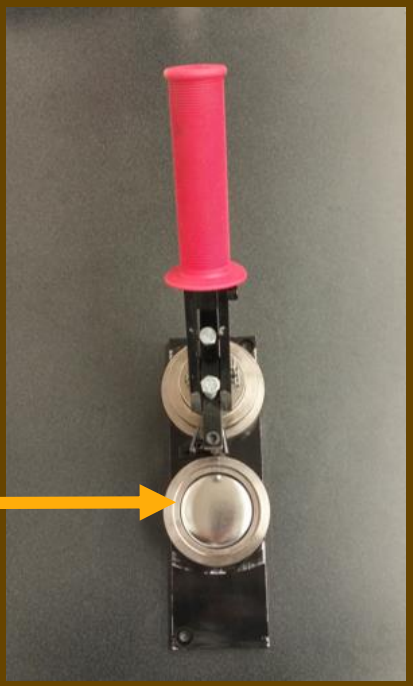


Build The Magnet:

- Bounce the shell against a hard surface. This ensures that there are not two shells stuck together.
- Ensure the handle is raised to its complete upright position.
- Place the shell with the sharp edge down and the dome edge facing up into the pickup die (flat side of the press).

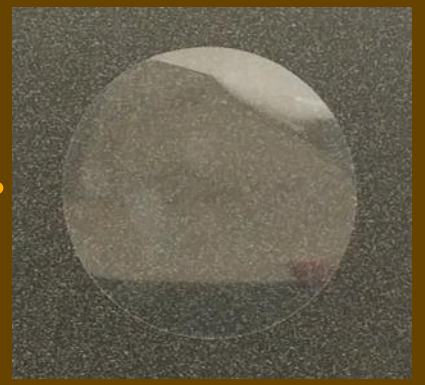
Sharp edge

Dome edge



Build The Magnet:

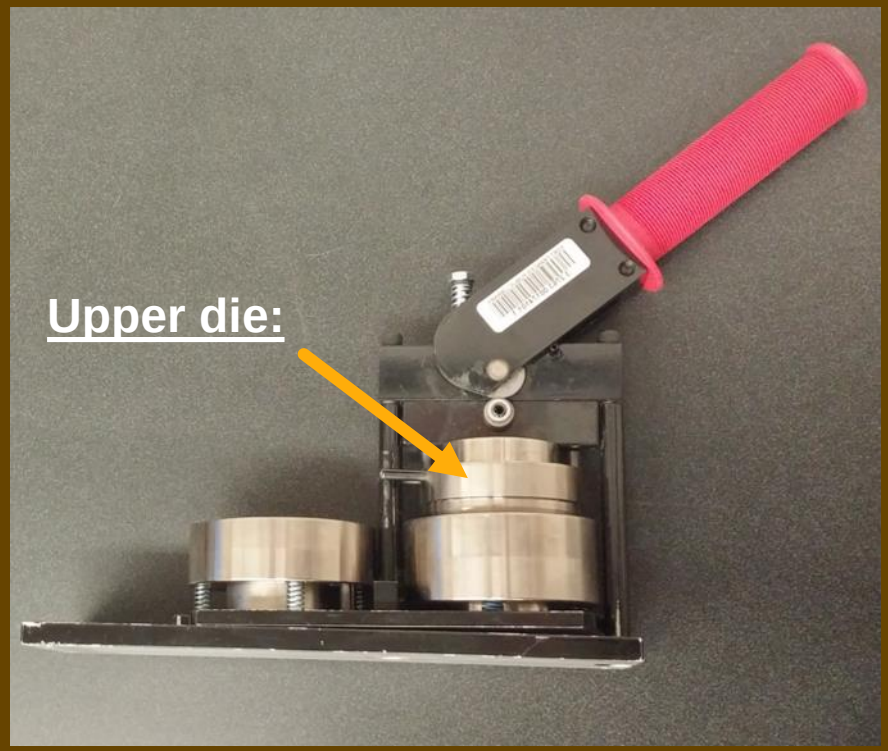
- Place your image on top of the shell, making sure that it is straight
- Place protective layer of Mylar (plastic) over the image



Mylar is a layer of plastic that covers and protects the displayed image.

Build The Magnet:

- Spin the die table fully until a click is heard and the image can no longer be seen. The crimp die is then exposed.
- Pull the handle firmly all the way down to a horizontal position then raise it to its full upright position. The front portion of your magnet will now be held in the upper die.



Build The Magnet:

- Place the magnet in the centre of the recessed area of the collet.
- Place the collet and magnet into the crimp die. Only the edge of the collet should be seen.
- Spin the die table until the click is heard.

Build The Magnet:

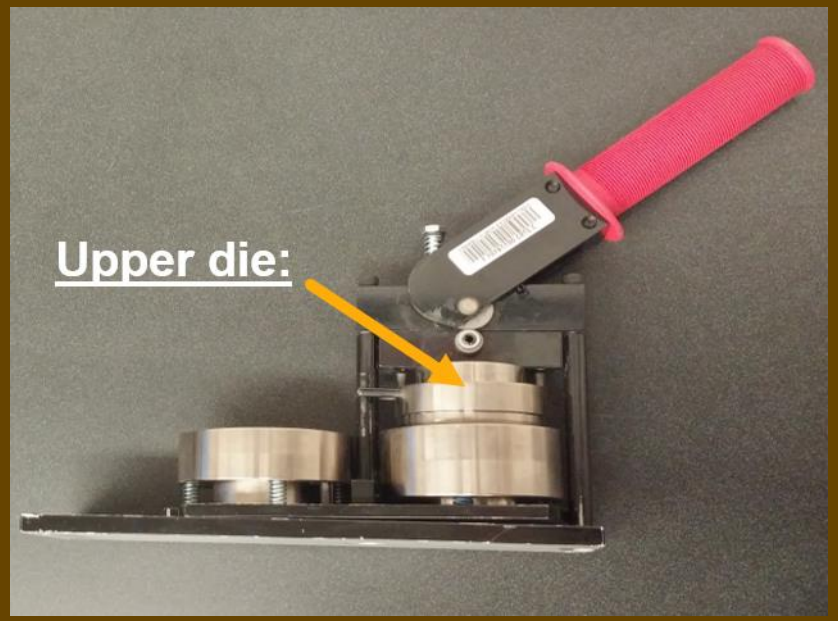
- Pull the handle firmly all the way down to a horizontal position then raise it to its full upright position.
- Spin the die table to expose the completed button!

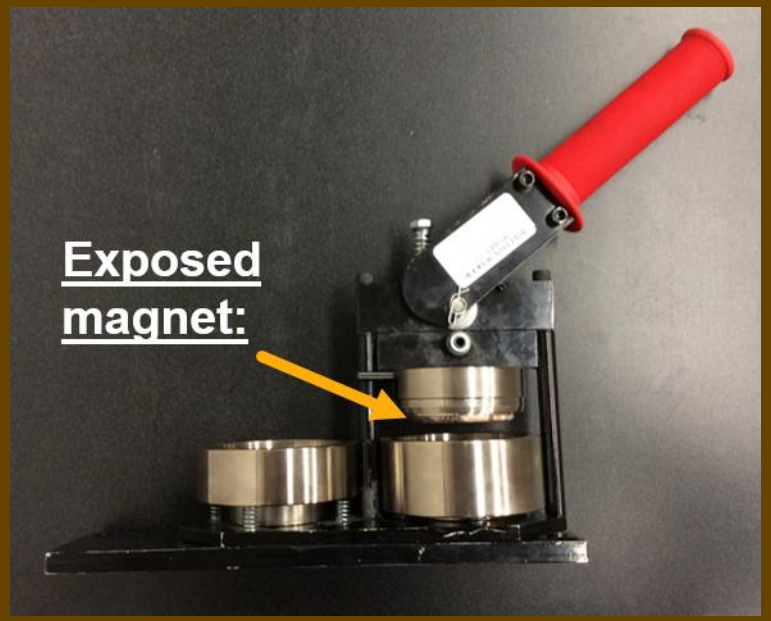
Front

Back

Trouble Shooting:

- As the press is made of metal, a magnet may get stuck inside the upper die when completed.
- Lift the upper die and remove the magnet. If the upper die is unable to be lifted, spin die plate until the pickup die is exposed and then lift upper die again.





Lift upper die while press is upright, pictures for demonstration purposes

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