Can 2 Capital Can Stripper Assembly Guide ENGLISH

Requirements:

Stable Internet Connection

3D Printer (model compatible with entry level machines)

50-60gs of Filament (PETG recommended PLA as a replacement. Weight based on 15% infill & 2 x Wall loops)

Carbide, Insert Screw & Hex Key
(M4 Carbide Bore, Cutting Geometry associated with single point thread cutting is recommended)

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https://finnw4in.github.io/Can2Capital/

Head to the Can 2 Capital project site

How Does It Differ?

Can 2 Capital differs from traditional industrial aluminium recycling as it seeks to return **profit to the user**, not the producer.

Powered by YOU:

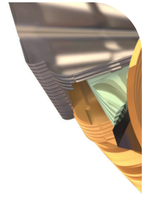
- **100 Joules of Human Effort**
- **50g of PETG & Carbide Insert**

Key Benefits

- **28x Increase** in Recycling Collection Efficiency
- **Recycle with 99.8% Less Energy** than industrial recycling

Get Started

- Download 3DM Files
- Read the full guide (coming soon)
- Join the community (coming soon)



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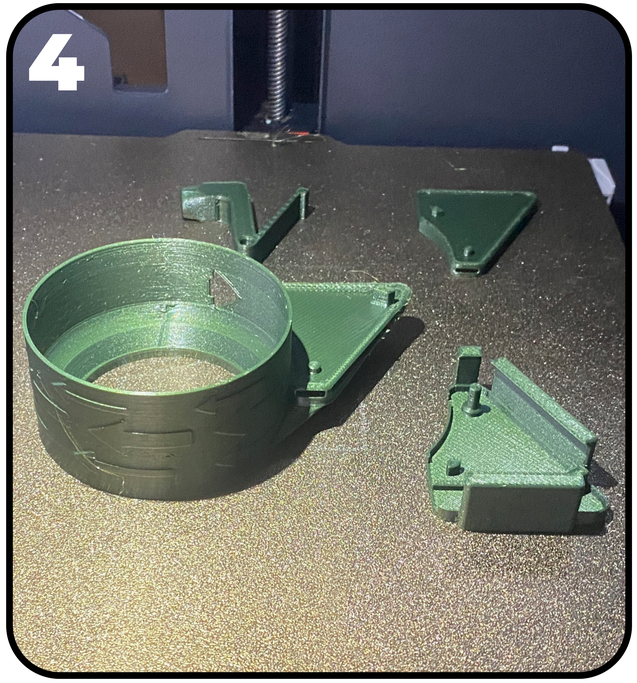
2. Locate and download the latest version of the Can Stripper Tool

3. Import Into slicer software
(Imported 3dm files already contain data associated to support generation, if you confident in your machine feel free to disable support generation in your slicer software)

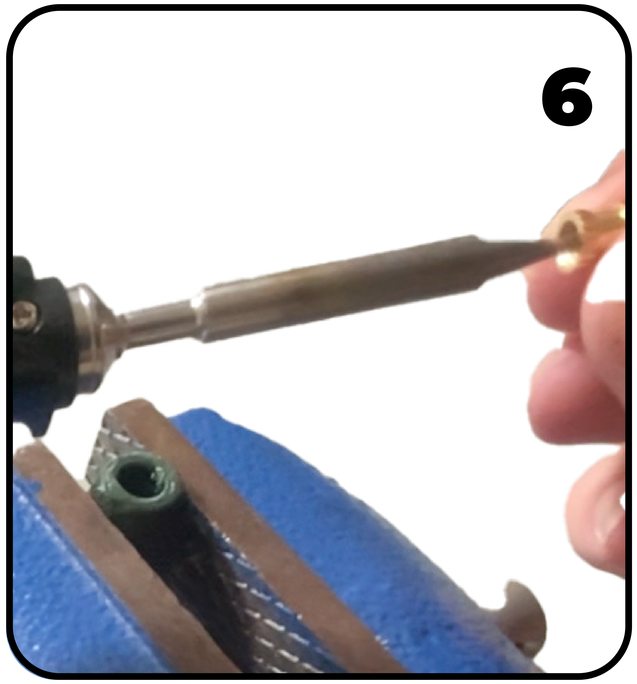


4. Remove from print bed

(Remove Support Structure if needed)

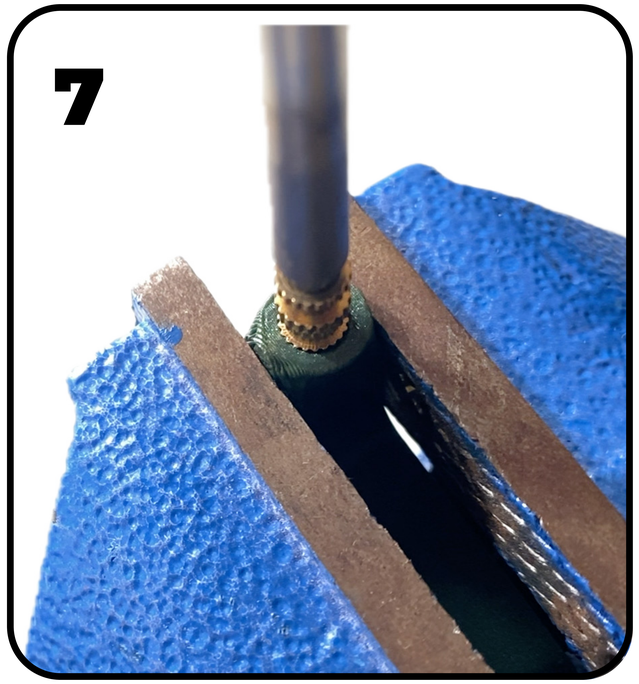
5. Pre-Heat Soldering Iron

To 160°C



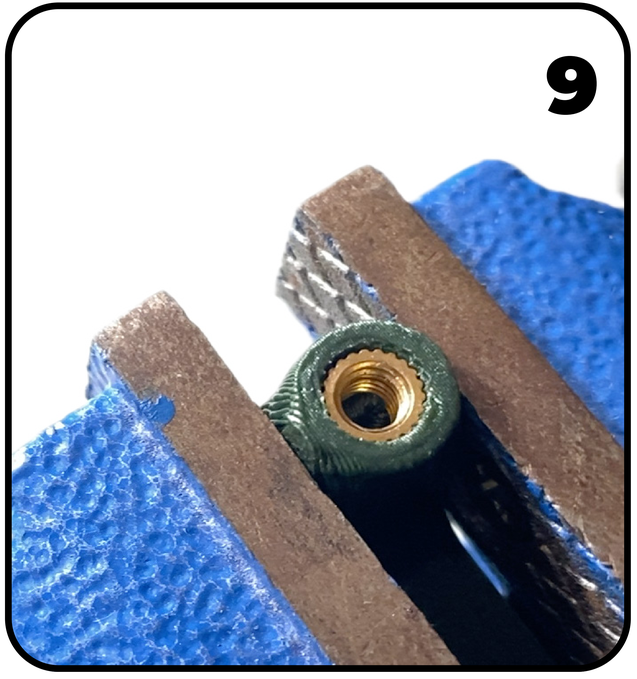
6. To ensure heat is transferred effectively into the insert I use two of the same brass inserts., One will be pressed into the material with the other acting as the heat transfer surface.

7 . Make contact, wait for the melt to start sinking into the part.



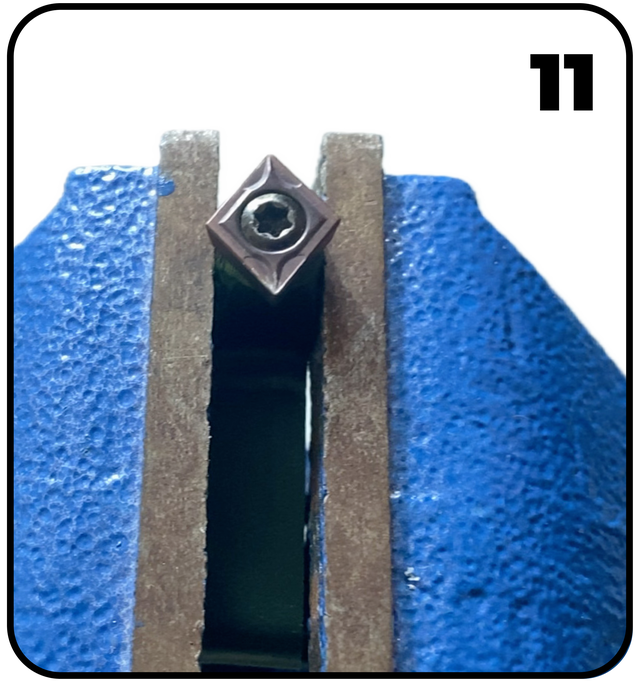
8. Once the plastic softens drive the insert down ensuring the iron remains straight, ensure not to drive the insert too far into the part.

9. Check Insert is fully encompassed inside the part, as well as plastic is clear of the brass internal threads.



10. Use the supplied m4 hex and key from your carbide cutting set

11. Ensure carbide cutting edge is parallel to the direction of cut.



12. Insert spring and carbide cutter into the top cover part.

13. Line up the Base part and the Top cover and start to bring and rotate the two parts together.

14. Rotate and bring the parts together until the parts form a clamp shell with a small gap inbetween.

15. Squeeze the top cover and the base together, until the parts pop together.

16. Ensure spring is firm yet moves freely back and forth.