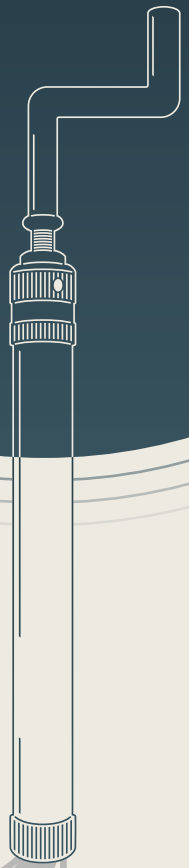
LUCY CLAY

DESIGNED BY LUCY ŠTRUNCOVÁ

CZEXTRUDER

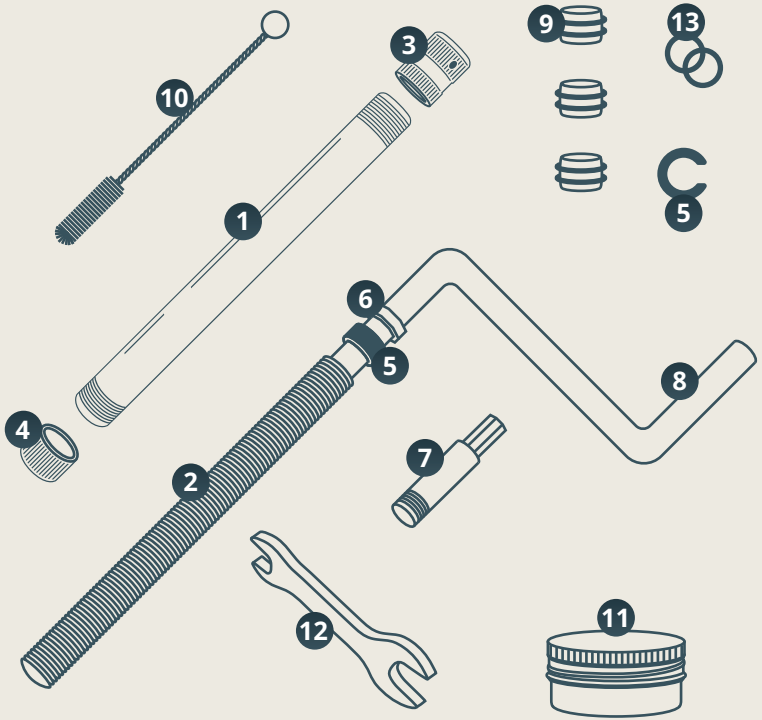
FOR POLYMER CLAY

A professional extruder set designed for working with polymer clay. Made from high-quality stainless steel for effortless clay extrusion. Compatible with a wide range of Czextruder discs and accessories, designed to be used by hand or with a cordless drill.



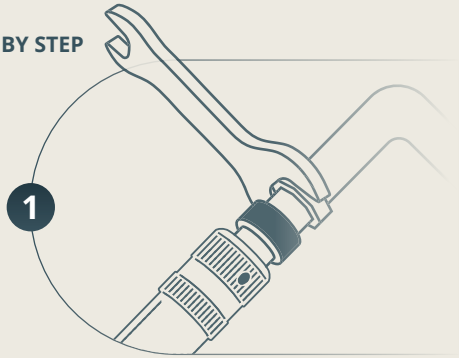
CONTENTS

1. Czextruder barrel tube
2. Threaded rod
3. Threaded Rod Cap
4. Disc cap
5. Visual stop guide
6. Jam nut
7. Drill adapter
8. Handle
9. Three cylinder plugs with O-rings
10. Cleaning brush
11. Grease for threaded rod
12. Wrench
13. Spare O-rings

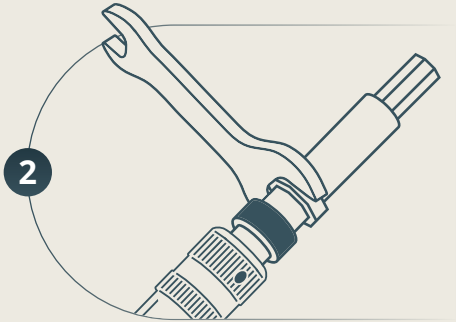


USING THE CZEXTRUDER STEP BY STEP

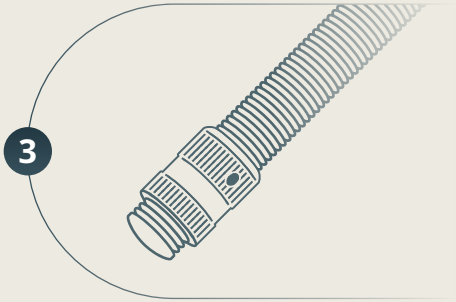
Remove the Czextruder and all components from the package. Attach the handle to the end of the black threaded rod and tighten the jam nut backwards against the handle with the wrench to secure it in place.



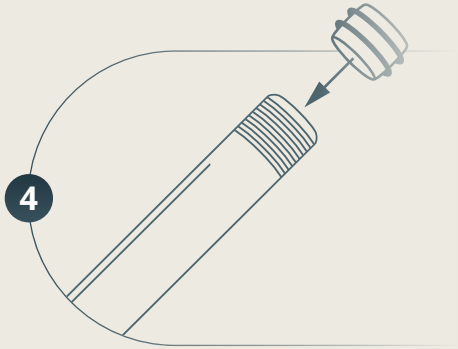
Alternatively, attach the drill adapter and jam nut instead of the handle.



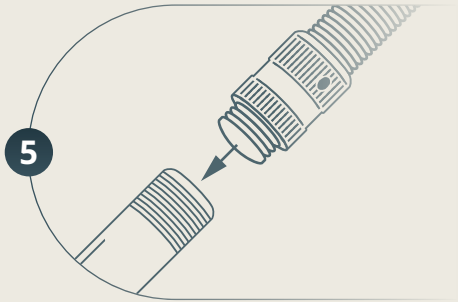
Loosen and unscrew the threaded rod cap on the threaded rod, then spin the cap all the way to the far end of the rod.



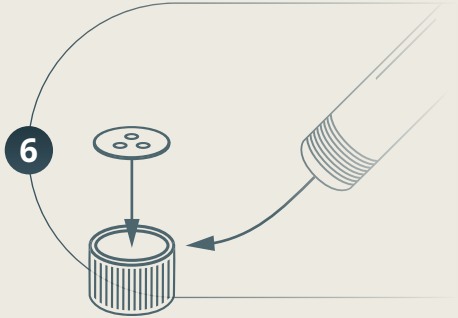
Insert a cylinder plug, with two O-rings installed, 2 cm inside the barrel.



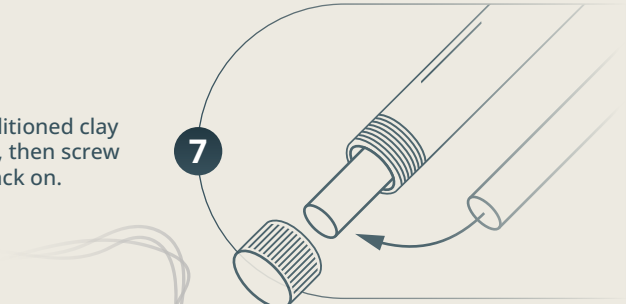
Screw the threaded rod cap with the threaded rod back onto the barrel. The cylinder will now be inside, with the end of threaded rod near or against it.



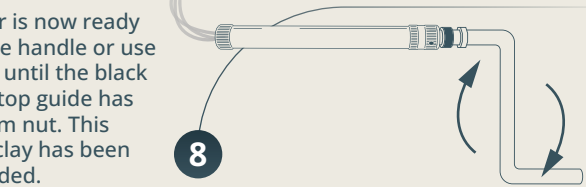
Loosen and unscrew the disc cap. Insert the extruder disc into the disc cap.



Load well conditioned clay into the barrel, then screw the disc cap back on.

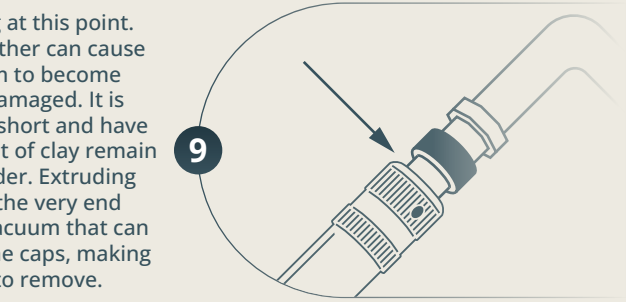


The Czextruder is now ready to use. Turn the handle or use a cordless drill until the black plastic visual stop guide has reached the jam nut. This means all the clay has been properly extruded.

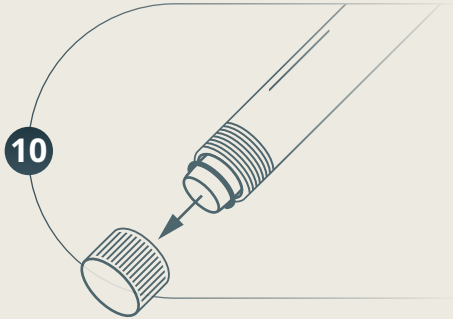


Caution: Use electric drill on low speed and high torque. Extruding at high speed can damage the extruder and lock up the extruder or damage the threaded rod and caps. If using a drill with your extruder, practice and caution is advised to prevent damage to the extruder components.

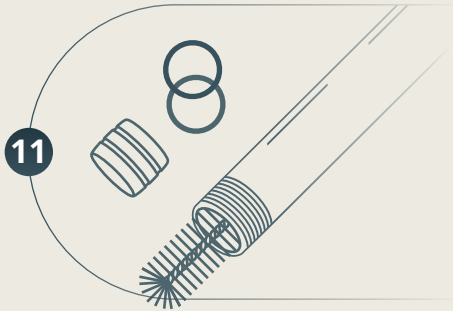
Stop extruding at this point. Continuing further can cause the mechanism to become locked up or damaged. It is better to stop short and have a small amount of clay remain in the Czextruder. Extruding completely to the very end can create a vacuum that can over tighten the caps, making them difficult to remove.



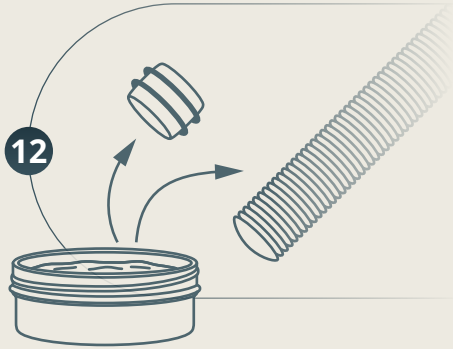
When you are finished extruding, reverse the handle a few turns, loosen the threaded rod cap, loosen and remove the disc cap then turn the handle or drill to gradually push out the cylinder plug. Remove the plug from the barrel and clean it with a wet wipe often or when changing clay colors.



Occasionally clean the entire barrel using the brush. From time to time, remove the O-rings from the cylinder and clean away any clay residue.



After several uses, apply a small amount of Grease to the threaded rod and inside of the caps to reduce friction. Grease may also be used to protect and condition O-rings.



RECOMMENDATIONS

- Do not overtighten the caps. Put them on until they stop, without applying additional pressure.
- Always stop just short of extruding all the way to the end. Use the black Visual Stop Guide, or stop turning the handle when about 3 mm of the smooth neck of the threaded rod is showing before reaching the threads of the jam nut and handle.
- After making an extrusion, turn the handle backwards a few turns and immediately loosen the caps to release any vacuum pressure. Putting your extruder away without releasing the pressure can continue to tighten and lock up the caps over time.
- Only metal discs are recommended for extruding polymer clay. 3D-printed or acrylic plastic discs can easily crack under the pressure.
- Softened, well-conditioned, hand-warmed clay extrudes much easier.
- Avoid using metal tools such as pliers on the caps or threaded rod. Damage from the use of pliers is not covered under warranty.
- Grip the Czextruder barrel tube with a rubberized sheet, glove, or mouse pad for more control.
- The threaded-rod cap has a small hole. This is intentional, it can be used in the event of overtightening. Insert a steel nail or similar rod for leverage to help turn and remove the cap.
- With proper care and use, your Czextruder should provide a lifetime of enjoyment.

WARRANTY DISCLAIMER

Damage caused by improper use is not covered under warranty. This includes the use of pliers or other tools to remove the caps, overdrilling with a power tool to the very end of the barrel, or any resulting scratches, bent parts, or locked caps.