

MASON JAR FRENCH PRESS



Supplies:

- Chrome tub drain strainer
- Ball knob (1/4" - 20)
- Nylon lock nut (1/4" - 20)
- Stainless steel tube (5/16" x 12")
- Threaded rod (1/4" -20 x 2")
- 4" Stainless steel strainer cloth (40m - 12")
- 1/4" ID Brass grommet (and a way to rivet it)
- 24 oz Mason jar with lid
- Needle nose pliers
- Scissors or snips
- Sharpie
- Denatured alcohol and rag

Directions:

1. Drill a 1/4" hole in the top center of the mason jar lid.
2. Cut the threaded rod to 6 5/8" long, making sure the ends still thread. Cut the stainless steel tube to 5 3/4" long.
3. To make the filter, place the tub strainer facing downward on top of the steel mesh, and trace around the outside of the strainer with a sharpie. Cut the strainer, leaving about 1/4" of mesh around the outside of the sharpie line. If you measure carefully, you should be able to get 3 circles out of the length of the mesh, which might be needed if the first doesn't turn out.
4. Rivet brass grommet to the center of the mesh screen. With the rough side of the grommet facing down, use needle nose pliers to fold the mesh upward at a 90 degree angle along the outside of the sharpie line, and once the whole edge is up, make a small cut every 3/4" around the folded edge, only cutting to the sharpie line (these cuts will allow the screen to overlap when folded so there aren't any bulges). Using denatured alcohol and a rag, wipe off all sharpie lines and rinse the mesh well. Now bend all the cut sections over completely so there's a folded edge along the outside of your screen.
5. Now all components are prepared and the unit is ready for assembly. Screw the ball knob onto one end of the threaded rod (this is the top of the press). Then thread the other end of the rod through the hole in the Mason jar lid. Slide the stainless tube over the threaded rod, leaving 1/2" of threads exposed.
6. Remove the blue coating from the tub strainer. Slide the stainless rod through the center hole of the strainer (convex side facing up towards the lid), and then through the grommet in the mesh (so the rough folded side is facing up toward the strainer). Add the lock nut onto the bottom exposed threads to secure everything in place. Place the lid on the Mason jar and screw outside rim into place.
7. Enjoy your own French pressed coffee!



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