

Instructions follow 3D axes. Up/down is the positive/negative Z direction, right/left is the positive/negative x direction, and forward/backward is the positive/negative y direction.

Instructions for Part I:

1. Start with a 200 g block of plasticine
2. Use an edged tool to split into 4 equal parts (50g each)
3. Take one 50g piece and roll into a sphere
4. Use a flat tool with an area of at least 4"x4" until the piece's height is 0.380" (+z direction)
5. Trim excess clay around the circle with an edged tool until it is a circle with a diameter of 3.5"
6. Use a cylindrical tool and roll around the edge to make the circle smooth
7. Rotate 90 degrees counterclockwise about the y-axis
8. Use a pointed tool with a max diameter of 0.5" to punch through from the +x to -x direction at 1.19" away from the origin in the -y,+y,-z,+z direction.
9. Use a cylindrical tool with a diameter of 0.5" and roll around in the 4 holes until the diameters equal 0.620".
10. Trim away with an edged tool excess clay from punching the holes until the -x face of the part is smooth.
11. Use the same pointed tool from earlier to punch a hole from the +x to -x direction in the origin.
12. Use a cylindrical tool with a diameter of 0.75" and roll around in the origin hole until the diameter equals 0.880".
13. Trim away and smooth out with an edged tool any clay more than 0.180" from -x face of the part (0.560" from the origin).

Instructions for Part II

1. Grab one of the remaining 50g clay pieces.
2. Split in half into a 25g clay
3. Roll into a sphere
4. Roll flat with a cylinder, going back and forth in y y-axis, like a rolling pin until a height of 0.18"
5. Cut out a stripe with a width of 0.12" and a length of 2.25".

Instructions for combining Parts I & II

1. Position Part I with the ring extrusion facing the -x direction.
2. Lay one end of Part II into the hole +x face of Part I so that the bottoms align.
3. Continue circling and laying Part II into the hole until the hole is filled, and cut off any excess Part II.
4. Once in place, insert a cylindrical tool with a diameter of 0.30" and circle the hole until a diameter of 0.35".

