



Die Plates for Bailey Standard 4 Clay Extruder



maggyswaggie

[VIEW IN BROWSER](#)

updated 24. 10. 2021 | published 24. 10. 2021

Summary

Upgraded die plate for Bailey Standard 4 Clay Extruder. Student Tested. Remix blank to fit any need.



N/A



2 pcs



0.16 mm



0.40 mm



PLA



N/A



Creality
Ender-3

[Art & Design](#) > [Other Art & Designs](#)

Tags: [art](#) [replacementpart](#) [pottery](#) [ceramics](#)

Upgraded die plate for Bailey Standard 4 Clay Extruder. Dies sold with the machine are difficult to set up and causes a lot of clay loss out the sides during use. This 3D printed version is the entire die in a single piece, it fits snugly and the 1/2 inch version has 4 half inch holes for easier extrusion and less clay loss. My students used this die for their entire extrusion project with no problems. I have included a blank die that can be remixed for any extrusion need.

Model files



half-inch-die.stl



extruder-blank1.stl

Print files



extruder-blank.gcode

🌀 PLA 📏 0.40 mm 📏 0.16 mm ⌚ 13.25 hrs ⚖️ 114 g

📄 Print with 3mm walls and top/bottom layers and 80% triangular infill



half-inch-extruder-die.gcode

🌀 PLA 📏 0.40 mm 📏 0.16 mm ⌚ 14.50 hrs ⚖️ 110 g

📄 Print with 3mm walls and top/bottom layers and 80% triangular infill

License ©

This work is licensed under a
[Creative Commons \(4.0 International License\)](#)



Attribution

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition

