



Suited for Advanced Users

## **LulzBot TAZ MOARstruder Tool Head**

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Bigger. Faster. Stronger. MOAR: The LulzBot TAZ MOARstruder Tool Head is a high output tool head with an extra-long heater block, dual print cooling fans, and a 1.2 mm diameter nozzle. These features enable high-speed printing and tough 3D printed objects.

## PRODUCT ALERT (1)

### Compatibility Alert!

TAZ 5 users with a tool head wiring harness with four (4) connectors will need an additional accessory: [LulzBot TAZ 5 v2c Tool Head Harness](#)

*Works with:* LulzBot TAZ 6, LulzBot TAZ 5

## Features

This high-output tool head uses an extra-long heater block and a 1.2 nozzle diameter to increase the 3D printing rate to over 100 grams an hour-- that's a kilogram (2.2 pounds) in 10 hours, and over 2.27 kilograms (5 pounds) of filament in a 24 hour period. Further improvements include a stronger extruder idler latch and a stiffer tool head mount.

The LulzBot TAZ MOARstruder Tool Head is perfect for large objects that utilize the full build area of the LulzBot TAZ, due to the large nozzle diameter. This allows for layer heights of 0.3 mm to 1.2 mm and for thicker extrusion widths, leading to stronger internal structures and single-walled printed objects, like vases, pipes, and containers. 3D print with smaller layers for strong walls and infill. Larger layer heights will be translucent, shiny, and MOAR eye-catching when used with translucent filament such as t-glase, nGen, and INOVA-1800.

## Parts & Specifications

### ***Parts Included***

LulzBot TAZ MOARstruder Tool Head v2 (Fully Assembled)

Wade's Accessible Extruder

LulzBot TAZ Extruder Mount

t-glase sample material for first print

M3 mounting screw, 20 mm (0.79 in) long, with washer

### ***Specifications***

Required filament diameter: 3 mm

Hot end temperature range: 120°C - 300°C

Recommended Layer Heights: 0.3 mm (0.01 in) - 1.2 mm (0.05 in)

Nozzle diameter: 1.2 mm

Required power system: 24 V

Fans: Heat sink and dual print-cooling fans included

### ***Recommended Filament for Large Scale Objects***

The following filament options work well at large, full build volume-scales.

- INOVA-1800
- nGen
- PLA
- PolyLite PLA
- t-glase

### ***Discouraged Filament for Large Scale Objects***

Avoid using the following filament when printing at larger scales, due to shrinking or warping when printed.

- ABS
- colorFabb\_HT
- HIPS
- Nylon Alloy 910

- Polycarbonate
- PC-Max (Larger prints may crack)
- PCTPE (Avoid older, moisture-laden filament)