

# Third Party CAD File attributions

The following files of purchased components were obtained from online 3D model repositories, attributed below. All other CAD files, including the BTT S42C Closed Loop Stepper Motor files, were created by M. Eames for the OpenStrain Bioreactor. This excludes nuts and bolts from the Solidworks Toolbox library.

## **Adafruit 5.5 x 2.1 DC Coax Panel Mount Power Jack (PN 601), True Coaxial DC Panel Mount Power Jack (PN 610)**

<https://grabcad.com/library/asm-adafruit-5-5-x-2-1-coaxial-dc-panel-mount-power-jack-pn-610-1>

## **BTT TFT35-E3 V3\_0**

<https://grabcad.com/library/btt-tft35-e3-v3-0-model-1>

## **BTT SKR 3 + TMC2208 TMC2209**

<https://grabcad.com/library/bigtreeTech-btt-skr-3-tmc2208-tmc2209-1>

## **Pillow Block P08**

<https://grabcad.com/library/pillow-block-bearing-p08-1>

## **Shaft Coupling**

<https://grabcad.com/library/flexible-coupling-53>

## **Limit switch**

<https://grabcad.com/library/mechanical-endstop-module-1>

## **30x30x10 DC fan**

<https://grabcad.com/library/30mm-dc-fan-1>

## **M5 Heat Insert**

<https://grabcad.com/library/insert-m5-1>

## **M3 Heat Insert**

<https://grabcad.com/library/insert-m3-2>