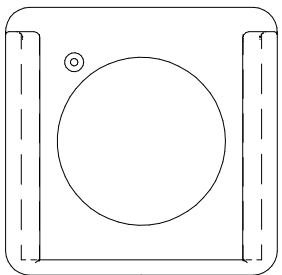
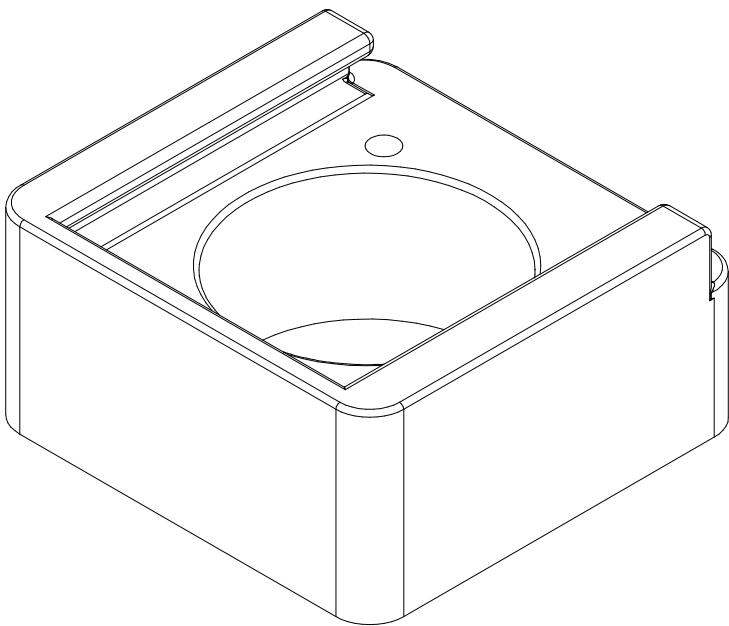


Do not change hole diameter to be smaller to prevent blocking the valve trajectory angle

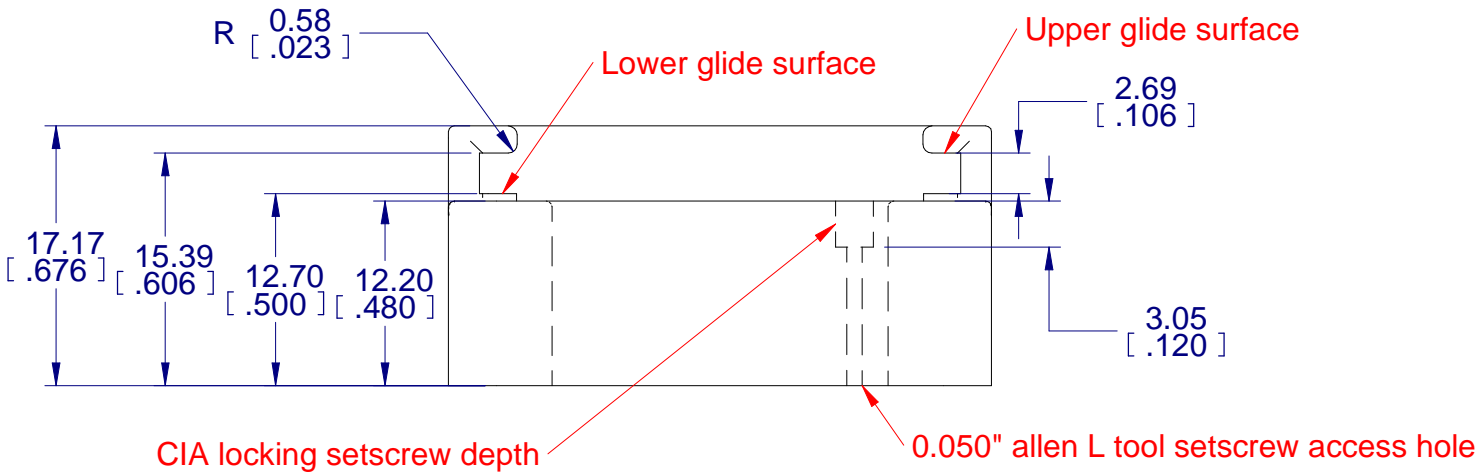


Print in this orientation for least amount of supports.
This makes post finishing easiest.

This front face towards print bed




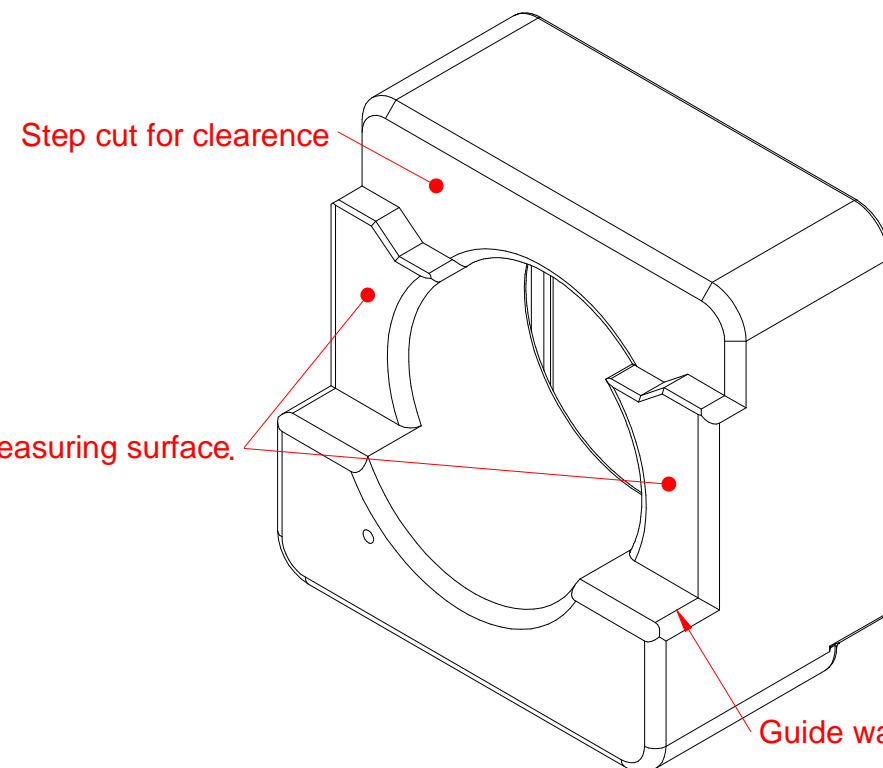
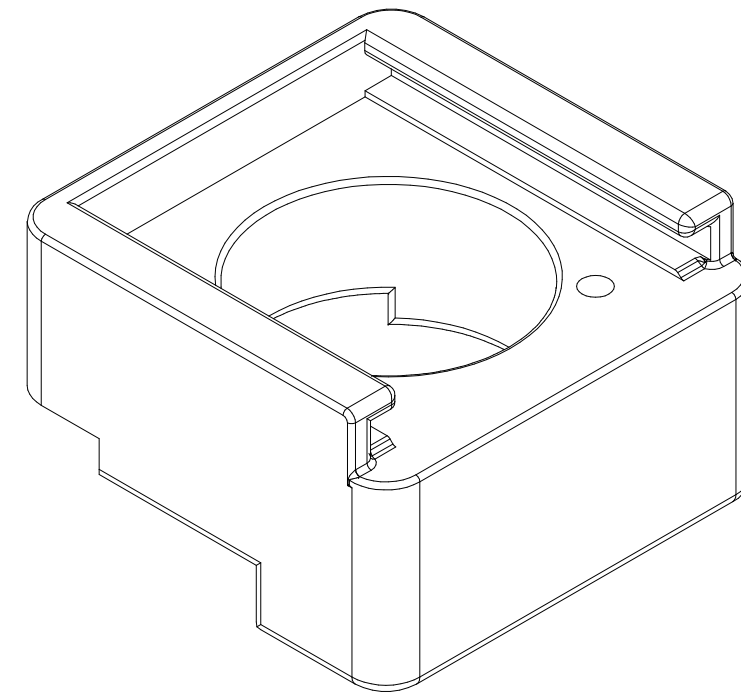
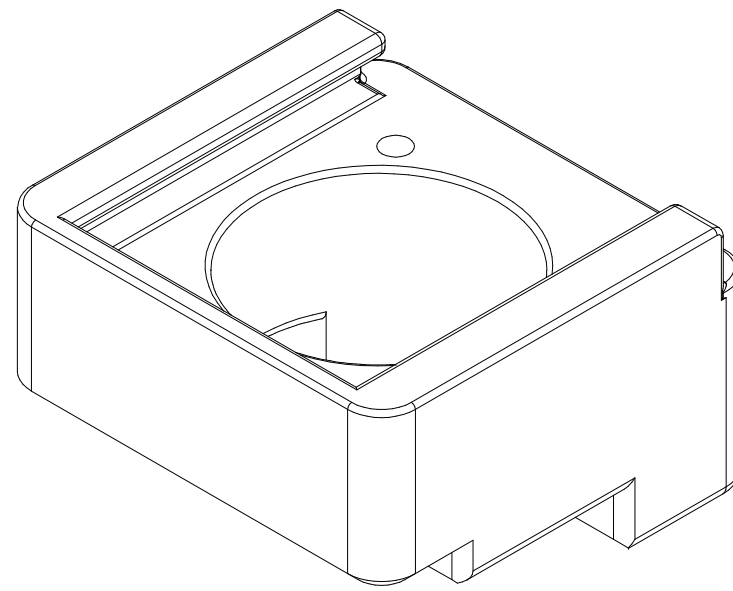
NOTE: This is a template to start with and modify as needed.
The dimensions on this model have successfully been FDM 3D printed.
Recommended printing in 30-40% infill.
Dimensionally, printing using other technologies(SLS, SLA, HP MJF, etc) may vary and step file can to be fine tuned.



ALL DIMENSIONS ARE IN MILLIMETERS
SECONDARY DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
.x +/-0.25, .xx +/-0.1, .xxx +/- 0.05
HOLES +.10/- .05
ANGLES +/- 1 degree



TITLE				DWG NO.		
Tethered Universal CIA template				REV.	DATE 5/30/2023	
MATERIAL			FINISH As Fabricated			
DRAWN		CHECKED	APPROVED		DO NOT SCALE DRAWING	
SHEET SIZE B		SCALE 1:1	SHEET 1 OF 2		GEOMETRY NOT DIMENSIONED IS DEFINED BY 3D CAD MODEL	THIRD ANGLE PROJECTION
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Maintained 12.7mm depth to the measuring surface.

Step cut for clearance

Guide wall that interfaces with the part to locate drop deposition.

Example of a custom cut foot for a ledge



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SIZE B	SHEET 2 OF 2	SCALE 1:1	DWG. NO.:	REV
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