

4 3 2 1

F

F

Adapter between:
- Thorlabs Cage 60 mm;
- Thorlabs Cage 30 mm;
- Thorlabs external SM1 tube;
- Optical posts with M4 set screws.

E

E

D

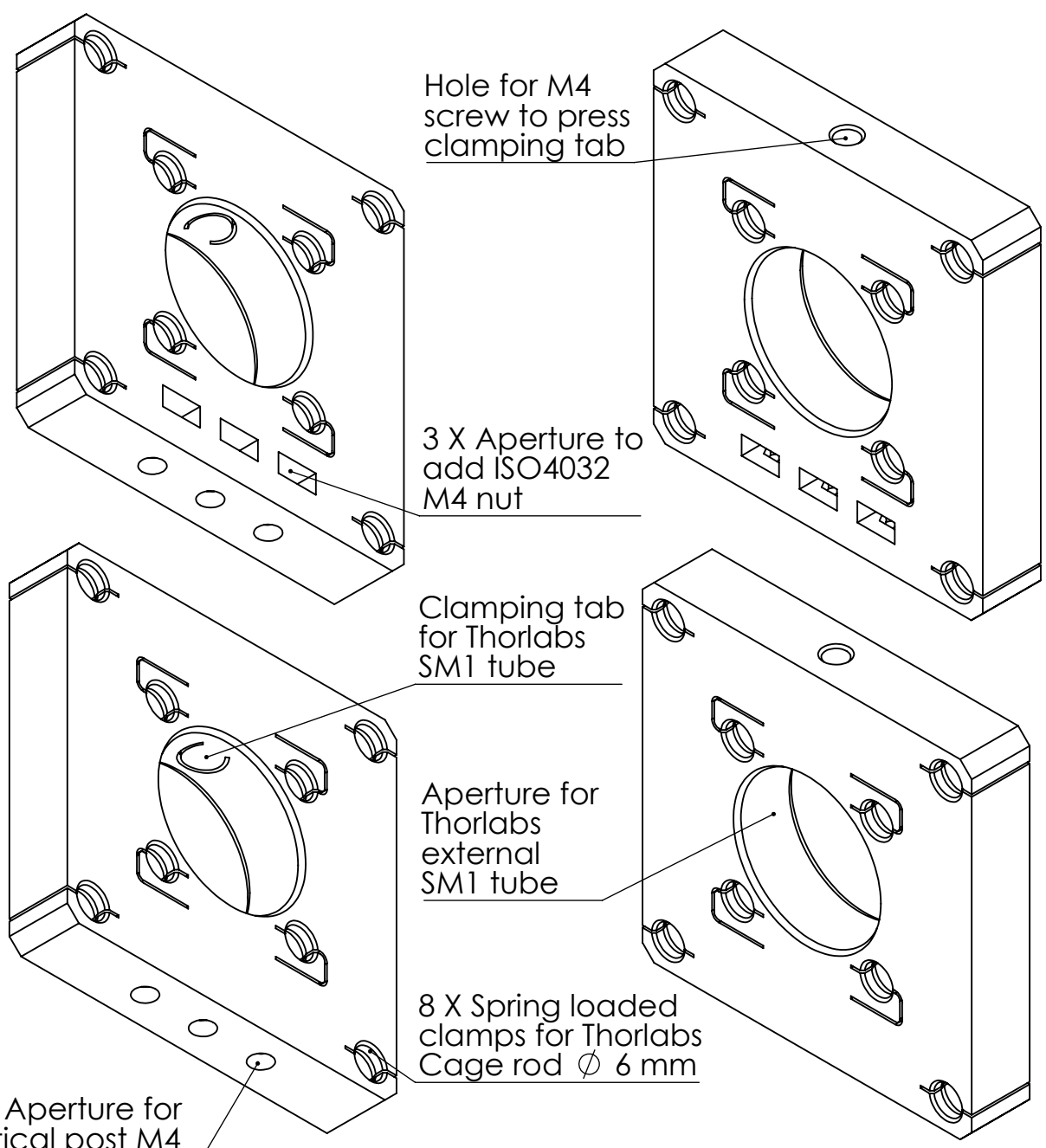
D

C

C

B

B



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:

DEBURR AND
BREAK SHARP
EDGES

DO NOT SCALE DRAWING

REVISION

	NAME	SIGNATURE	DATE		
DRAWN	F.O.		2025-01-15		
CHK'D	F.O.		2025-01-15		
APPV'D					
MFG					
Q.A					

MATERIAL:

PLA

WEIGHT:

TITLE:

Adapter for
Thorlabs Cage

DWG NO.

THR-120-020-110

A4

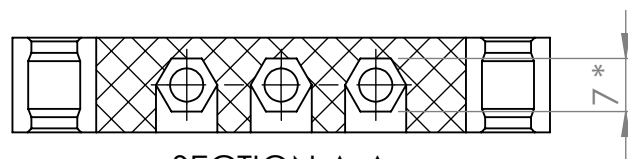
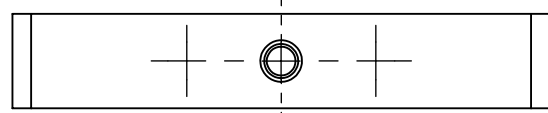
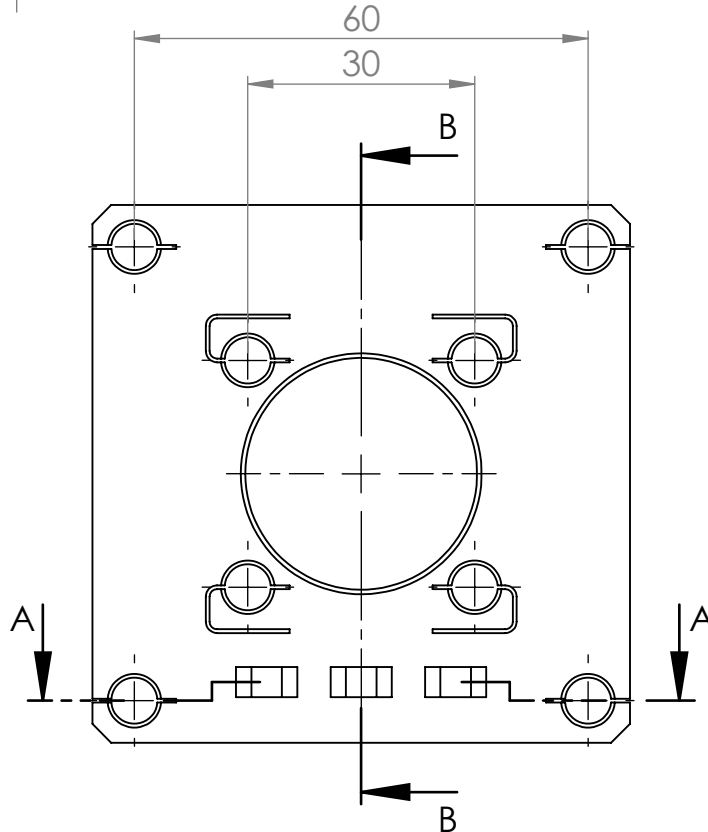
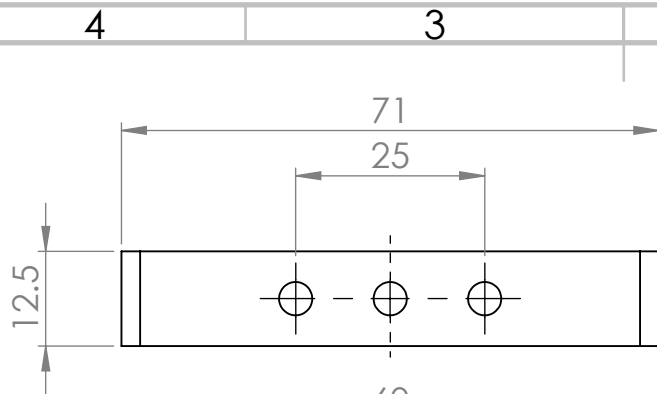
SCALE:1:1

SHEET 1 OF 2

4 3 2 1

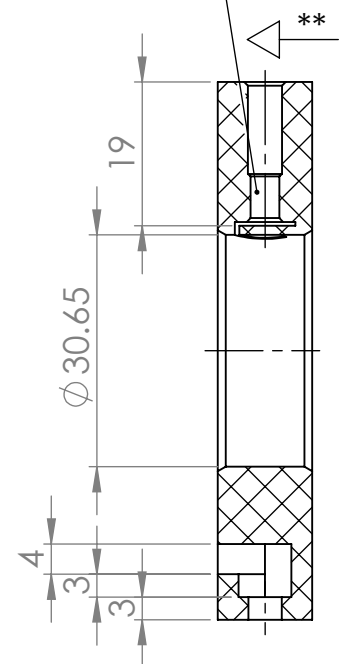
A

A



SECTION A-A

Drive M4 screw to form thread



SECTION B-B

- * Press fit ISO4032 M4 nuts.
- ** FDM 3D print Z-axis growth direction.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
		NAME		SIGNATURE		DATE				TITLE: Adapter for Thorlabs Cage	
DRAWN		F.O.				2025-01-15					
CHK'D		F.O.				2025-01-15					
APPV'D											
MFG											
Q.A											
								MATERIAL:		DWG NO.	
								PLA		THR-120-020-110	
										A4	
								WEIGHT:		SCALE:1:1	
										SHEET 2 OF 2	