

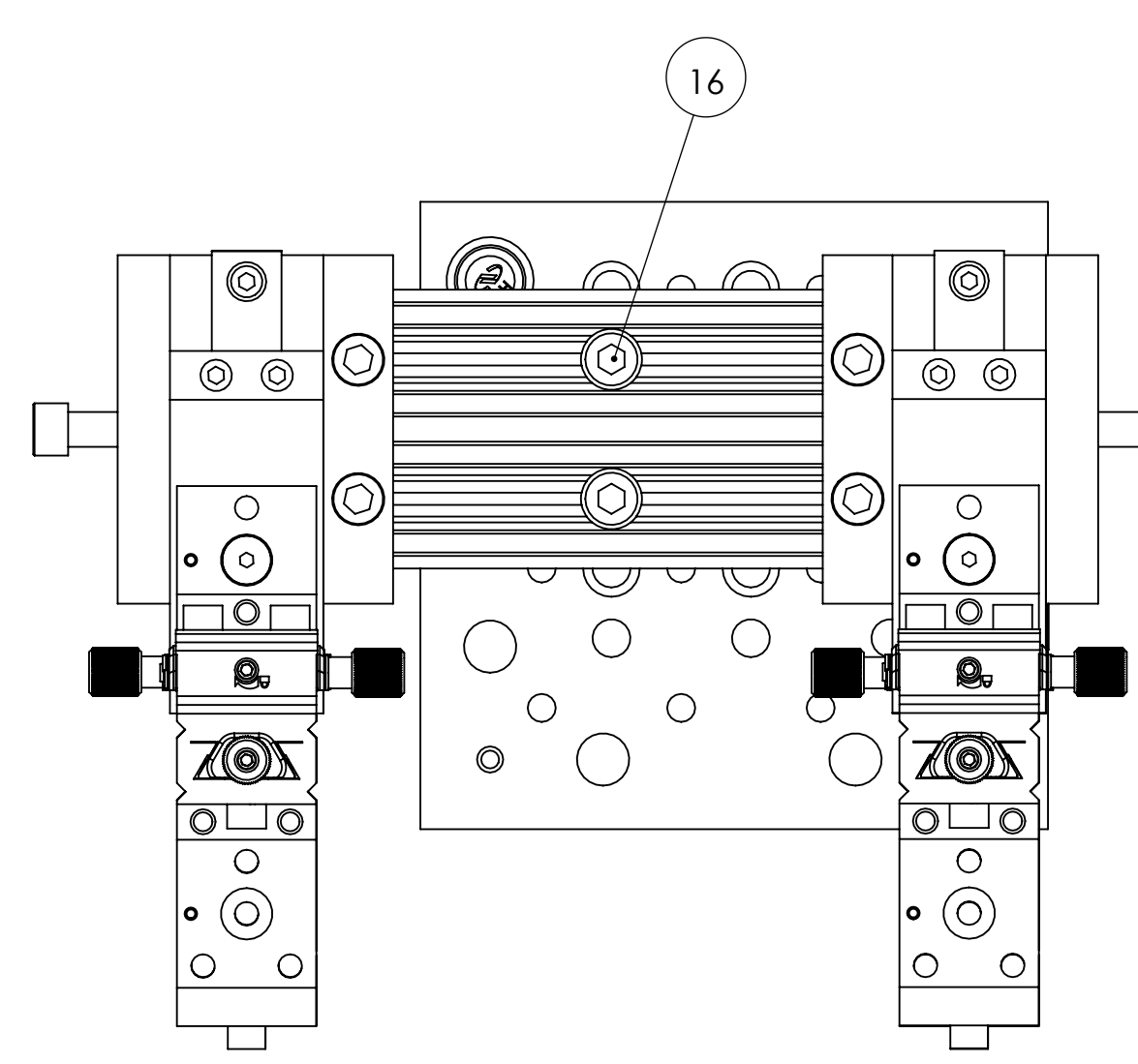
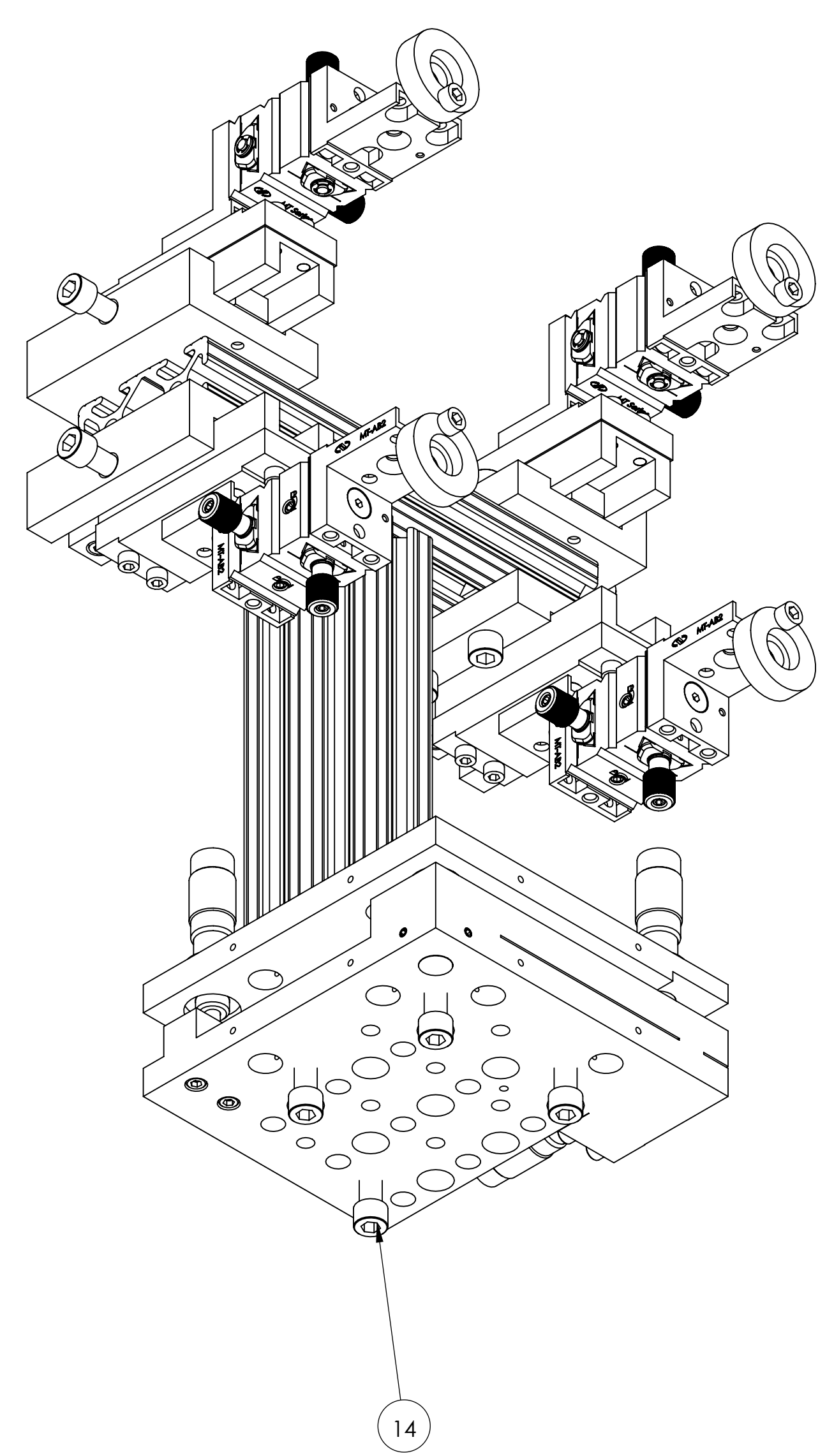
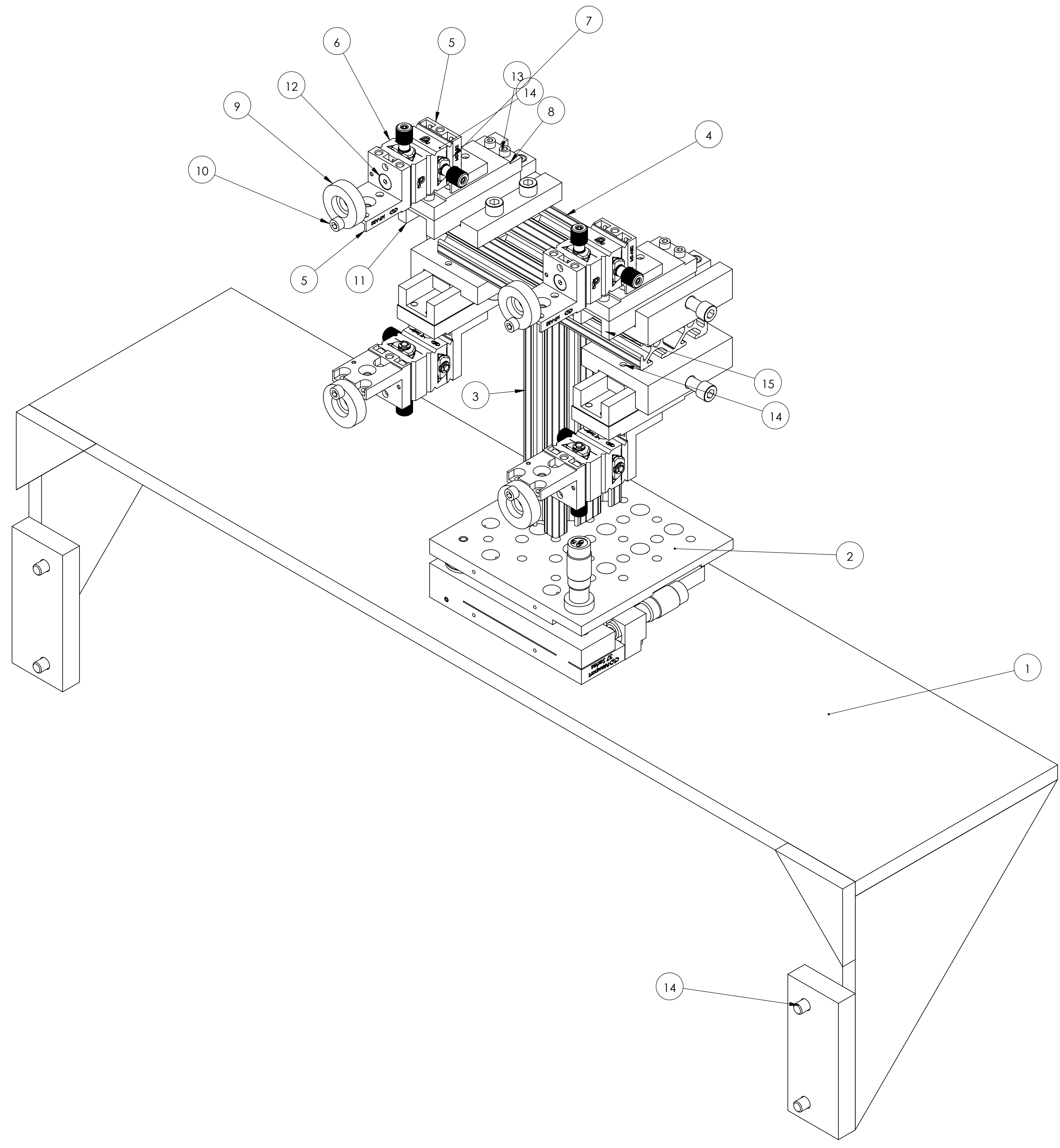
DETAIL B
SCALE 8 : 1

1MM GAP

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE	DWG. NO.	REV.
D	D1101702	v2
SCALE: 3:4	PROJECTION:	SHEET 1 OF 2

D:\101702\JIS Eddy current damper. IJM Tooling.dwg. PART PDM REV: X-000. DRAWING PDM REV: X-000

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY
16	McMaster 92196A543	SCHS, 1/4"-20 Thread, 1-1/8" Length, 18-8 ST	18-8 SSSL	2
15	McMaster 47065T226 or 47065T1142	T-Slot Nut	18-8 SSSL	8
14	MCMaster_92196A540 or Equivalent	SHCS, 1/4"-20x0.75" (Fully Threaded)	18-8 SSSL	22
13	McMaster 92196A147	SHCS, #6-32 Thread, 7/16" Length, 18-8 ST	18-8 SSSL	24
12	McMaster 92210A192	FSHCS, #8-32 Thread, 3/8" Length, 18-8 ST	18-8 SSSL	12
11	McMaster 6203K76	Low-Friction Slide Low Profile, 1-1/2" Stroke, 18# Dynamic Load Cap	-	4
10	McMaster 92200A194	SHCS, #8-32 Thrd, 1/2" Length, SST	304 SSSL	4
9	D1101701	Cup, Eddy current damper, UIM Tooling, aLIGO	COPPER	4
8	D1101704	Slide Bracket Mount, Eddy current damper, UIM Tooling, aLIGO	6061-T6 Al	4
7	D1101703	Slide-Horizontal Mount, Eddy current damper, UIM Tooling, aLIGO	6061-T6 Al	4
6	Newport, MT-XY	Newport, MT-XY, Linear Stage, 0.375 in XY	-	4
5	Newport, MT-AB2	Newport, MT-AB2, Adaptor Bracket, MT Series Stages	-	8
4	D1101706	Horizontal Mount, Eddy current damper, UIM Tooling, aLIGO, McMaster 47065T213	6061-T6 Al	1
3	D1101705	Vertical Mount, Eddy current damper, UIM Tooling, aLIGO, McMaster 47065T213	6061-T6 Al	1
2	Newport, 37	Newport, 37, Tilt and Rotation Platform	-	1
1	D1101707	Shelf, Eddy current damper, UIM Tooling, aLIGO	6061-T6 Al	1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

MATERIAL	N/A	FINISH	N/A μinch	NEXT ASSY	NONE
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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM ADVANCED LIGO SUB-SYSTEM SUS

PART NAME
JIG, Eddy current damper, UIM Tooling, aLIGO

DESIGNER	SBARNUM	25 AUG 2011	SIZE	DWG. NO.	REV.
DRAFTER	Sbarnum	25 AUG 2011	D	D1101702	v2
CHECKER	SBARNUM	25 AUG 2011	SCALE: 3:4	PROJECTION:	SHEET 2 OF 2
APPROVAL	MBARTON				

D1101702.JIG, Eddy current damper, UIM Tooling, aLIGO, PART PDM REV: X-000, DRAWING PDM REV: X-000