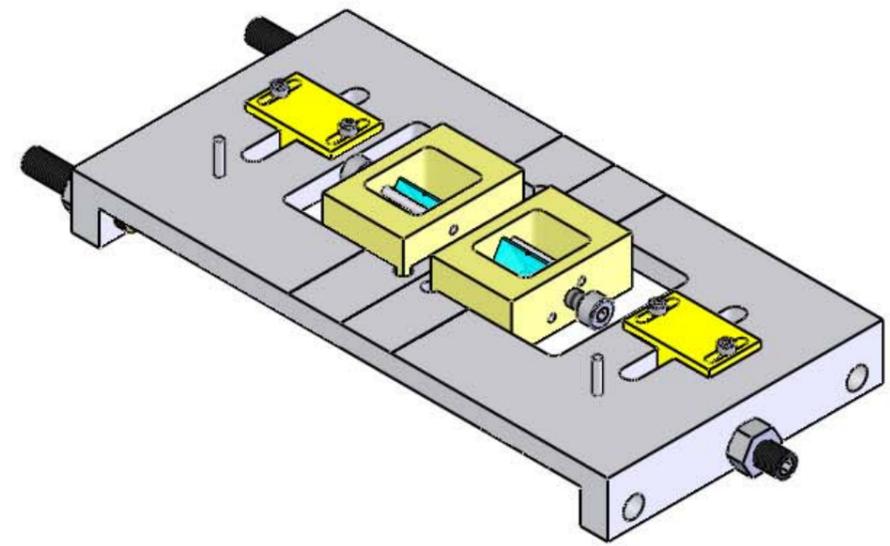
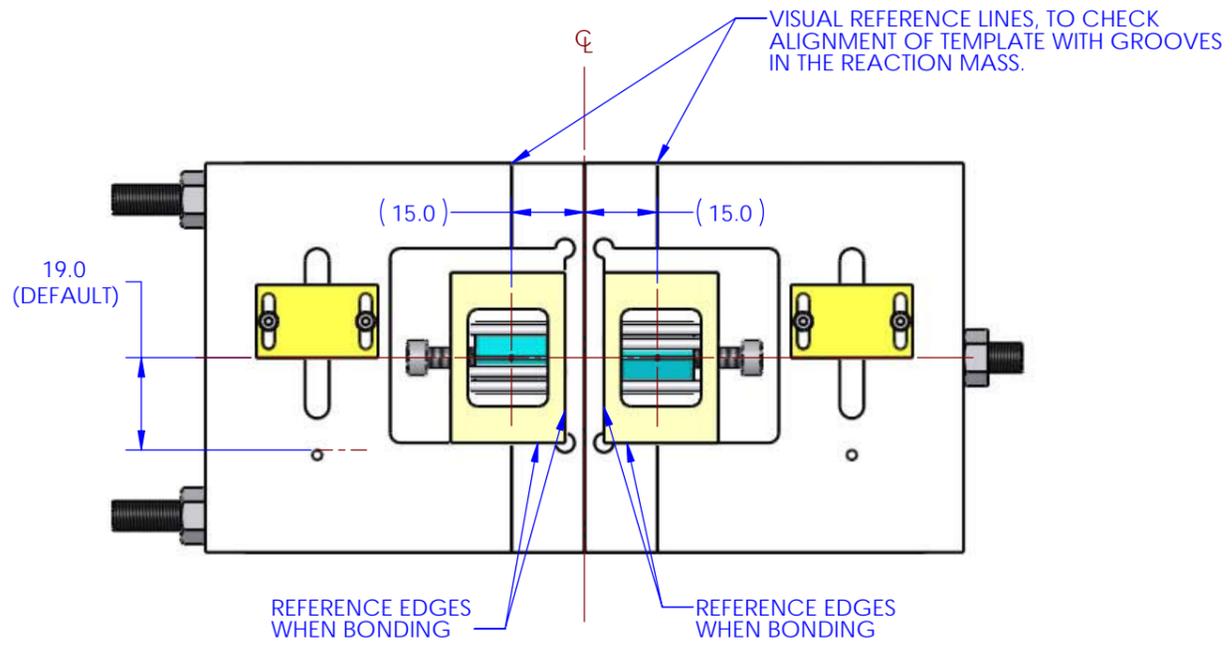
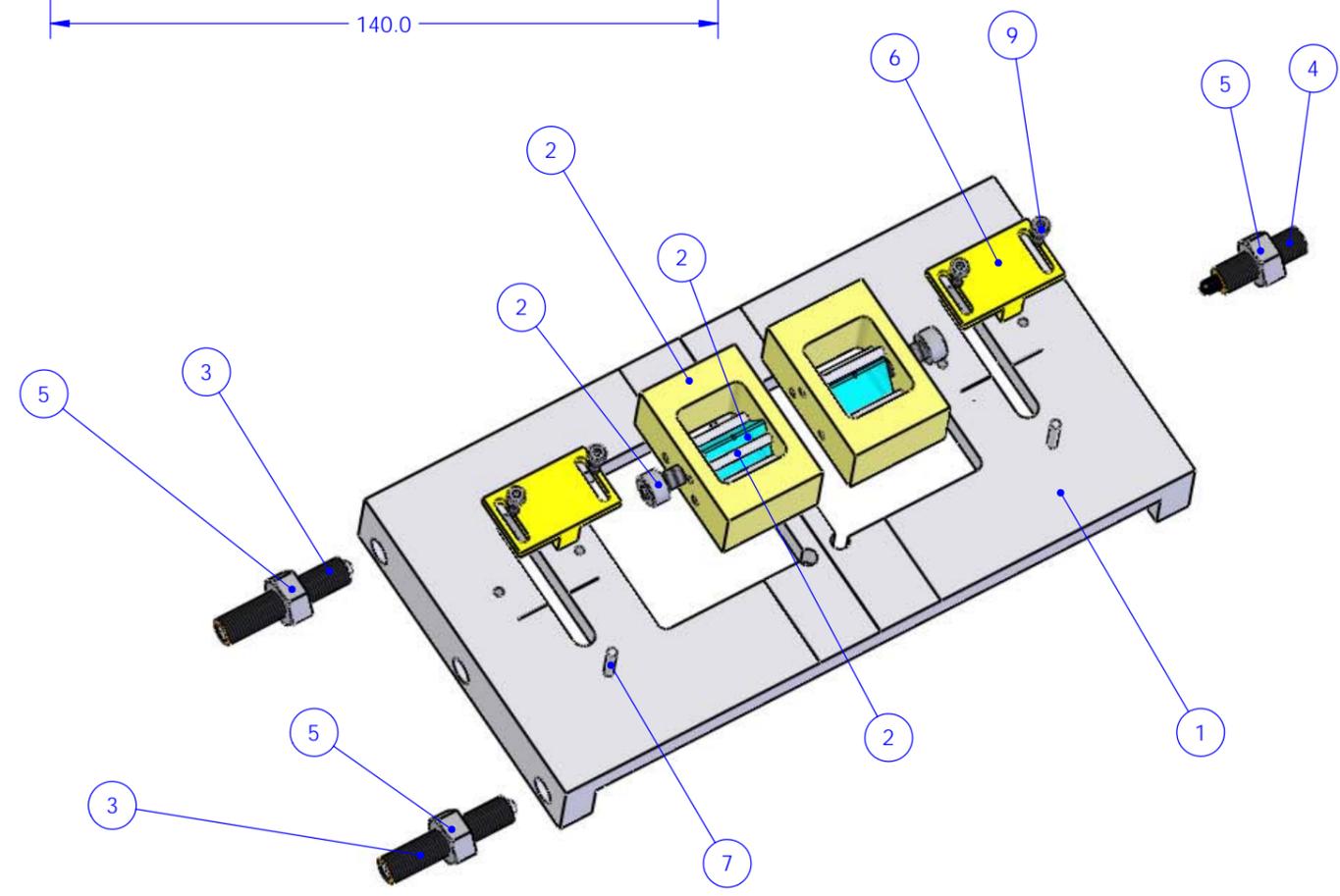
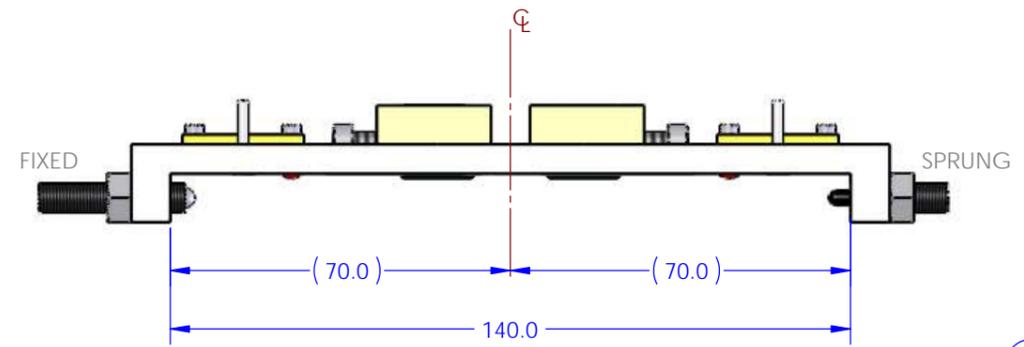


REV.	DATE	DCN #	DRAWING TREE #
00	NOV 07	INITIAL RELEASE (R.JONES)	



ADDITIONAL NOTES:

- THE TWO (NON-SPRUNG) BALL ENDED SETSCREWS ACT AS THE FIXED REFERENCE BETWEEN THE TEMPLATE AND THE MASS. THESE SHOULD BE POSITIONED SUCH THAT THE CENTRAL AXIS OF THE TEMPLATE COINCIDES WITH THE CENTRE OF THE MASS.
- CARE MUST BE TAKEN DURING SET UP TO AVOID DAMAGE TO THE MASS, OR THE ESD GOLD COATING. REFERENCE BOLT LOCATIONS SHOULD BE SELECTED IN ORDER TO AVOID CONTACT WITH THE ESD GOLD COATING.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	D070504_ERM Bonding Template	Bonding template	1
2	Holder_bonding	LIGO SPECIFIC DATA TEMPLATE FOR AN ASSEMBLY	2
	D060166_N-Ptype_Reaction Test Mass_Wire Breakoff Prism	Break-off Prism	1
	D070505_Prism holder_bonding	ERM Prism holder_bonding	1
	2mm dowel pins		1
	_____SST SOCKET HEAD CAP SCREW M4 X 10 LONG	USE NYLON SCREW, WITH ROUNDED OFF TIP	1
3	M6 ballended setscrew		2
4	M6_spring pin end setwcrew		1
5	M6 SST HEX NUT -DIN 934 (OR EQUIV.)		3
6	ERMtemplate_T_PIECE		2
7	Measurement pin_2mm diameter		2
8	6mm diameter ball bearing		3
9	_____SST SOCKET HEAD CAP SCREW M2 X 6 LONG		4

NOTES: (UNLESS OTHERWISE SPECIFIED)

- DO NOT SCALE FROM DRAWING.
- REMOVE ALL SHARP EDGES, R.02 MIN.

DIMENSIONS ARE IN mm
 GENERAL TOLERANCES:
 X ± 0.1
 XX ± 0.05
 ANGULAR ± 0.25 °

MATERIAL: --
 FINISH: -- μm

DRAWN	R.JONES	NOV 07	SIZE	DWG. NO.	REV.
CHECKED	M.VAN VEGGEL	NOV 07	C	D070507	00
APPROVED					

SCALE: 1:1 PROJECTION: SHEET 1 OF 1

PARTS LIST

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 IGR, GLASGOW UNIVERSITY GEO 600 GROUP

SYSTEM: ALIGO
 SUB-SYSTEM: SUS
 NEXT ASSY: ETM NP-type Reaction Mass (ERM)
 PART NAME: ERM Prism Bonding Jig