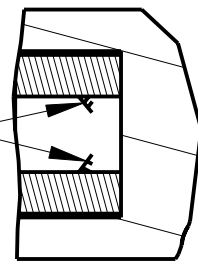


SEE DETAIL A

NOTE:

PART 2 (D070236) WILL BE REPLACED BY A GLASS MASS IN SOME INSTANCES

GLUE FILLET  
ENSURE GLUE DOES NOT  
PUSH STEEL DISC FORWARD



DETAIL A  
SCALE 10:1

ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	4			D070235	MAGNET HOLDER; (EXTERNAL SHIELDED MAGNETS)	AL ALLOY: 5083 OR SIMILAR
2	1			D070236	PENULTIMATE MASS FLAG MOUNT; (EXTERNAL SHIELDED MAGNETS)	AL ALLOY: 5083
3	4			D070237	MAGNET BASE; (EXTERNAL SHIELDED MAGNETS)	AL/ALLOY: 5083 OR SIMILAR
4	12			D070238	STEEL DISK; (EXTERNAL SHIELDED MAGNETS)	ST. STEEL: 416 - MAGNETIC
5	8			D0901345	2MM DIA X 6MM MAGNET;	AS PER SPEC: -----

NOTES: (UNLESS OTHERWISE SPECIFIED)

- REMOVE ALL SHARP EDGES, R.02 MIN.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL)
- SCRIBE, ENGRAVE OR STAMP DRAWING PART NUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: D020188- 001. A VIBRATORY TOOL MAY BE USED.

DIMENSIONS ARE IN mm [INCHES]  
TOLERANCES:  
X.XX ± mm  
ANGULAR ± °

MATERIAL: AS DRW

FINISH:  
√μm [μin] Ra = -----

DRAWN	J O'DELL	10/JUN/07
CHECKED	IW	19/JUN/07
APPROVED	IW	19/JUN/07

CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
IGR, GLASGOW UNIVERSITY GEO 600 GROUP  
RUTHERFORD APPLETON LABORATORIES

SYSTEM **ADVANCED LIGO**

SUB-SYSTEM **SUS**

NEXT ASSY **PENULTIMATE MASS**

PART NAME **PEN RE MASS MAGNETS (EXTERNAL SHIELDED MAGNETS)**

SCALE 5:1 PROJECTION: SHEET 1 OF 1