



ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	1			0080369	BS ROUND MASS BODY; BEAMSPLITTER ROUND	INRS ALLOY: 6061/5083
2	2			0080559	MODIFIED D PENULTIMATE MASS CLAMP; BS ROUND-MASS; AS DRW	
3	4			0080590		
4	12			0040359-050	ADDITIONAL MASS;	ST STEEL: 316
5	12				1/4" 20 UNC X 1" CAP HEAD;	
6	8				8-32 UNC X 0.625" CAP HEAD;	

NOTES: (UNLESS OTHERWISE SPECIFIED)

- REMOVE ALL SHARP EDGES. R:0.2 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: 000100-001 - A VIBRATOR TOOL MAY BE USED.

TOLERANCES:
 DIMENSIONS ARE IN mm (INCHES)
 ANGULAR ± .1°
 X XX ± .1°

MATERIAL: AS DRW

FINISH: √um (µin) Ra: AS DRW

PARTS LIST

NAME	DATE	SYN
DRAWN J O'DELL	07/10/08	
CHECKED AJB		
APPROVED JOD		

CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 RUTHERFORD APPLINGTON LABORATORIES

SYSTEM: ADVANCED LIGO
SUB-SYSTEM: SUS
NEXT ASSY: THIS
PART NAME: BS PENULTIMATE MASS
BS TRIPPLE

DRG. NO. 0080368
SCALE: 1:1 PROJECTION:

1 OF 1