



ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	4			D060359-05B	ADDITIONAL MASS; .	ST. STEEL; 316
2	2			D060359-10B	ADDITIONAL MASS; .	ST. STEEL; 316
3	1			D060401	MAGNETIC PLUG; .	STAINLESS STEEL; 416
4	4			D060409	OSEM ECD UNIT; .	..... AS DRAWN
5	2			D060416	OSEM MAGNET AND FLAG; .	AS DRAWING; .....
6	1			D060418	MAGNET RETAINER; *MODIFIED 1/4-20 HEX HEAD	HET-KORROBIS STEEL; 304/316
7	1			D070422	BASE PLATE; BS TOP MASS	ST. STEEL; 304/316
8	1			D070424	PITCH ADJUSTER & MASS; BS TOP MASS	AS DRW; .....
9	4			D070428	STOP BRIDGE; BS TOP MASS	AL ALLOY; 5083
10	2			D070429	TOP MASS SPACER; BS TOP MASS	AL ALLOY; 5083 OR SIMILAR
11	2			D070430	TOP PLATE; BS TOP MASS	AL ALLOY; 5083 OR SIMILAR
12	2			D070432	BASE PLT WIRE CLAMP BODY; BS TOP MASS	ST. STEEL; 304/316
13	6			D070433	WIRE CLAMP JAW; BS MASSES	ST. STEEL; 304/316
14	4			D070434	STABILITY LEG; BS TOP MASS	AL ALLOY; 5083 OR SIMILAR
15	1			D070435.SKEL001		.....
16	2			D080042	BLADE CLAMP ASSY #1; BS TOP MASS	.....
17	2			D080043	BLADE CLAMP ASSY #2; BS TOP MASS	.....
18	38				1/4" 20 UNC X 1" CAP HEAD; .	
19	12				1/4" 20 UNC X 2" CAP HEAD; .	
20	4				1/4" 20 UNC X 2" CAP HEAD, SPHERICAL TIP; .	
21	4				1/4" 20 UNC NUT; .	
22	20				B-32 UNC X 0.625" CAP HEAD; .	
23	1				10MM MAGNET; .	
24	1				BS ENVELOPE; .	
25	4				:: BS TOP MASS	

NOTES: (UNLESS OTHERWISE SPECIFIED)

- REMOVE ALL SHARP EDGES.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. SUCH AS CINCINNATI MILACRON'S CMTTECH 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: D060100-001 - A VIBRATOR TOOL MAY BE USED.

DIMENSIONS ARE IN mm (INCHES) TOLERANCES:

X .XX ± .13 ANGLE ± FALSE °

MATERIAL: AS DRW

FINISH: CLEAN, GREASE FREE  
 $\sqrt{Ra}$  (µm) Ra = 1.6

DATE	NAME	DATE	SIZE
DRAWN	REV/FEL	03/09/08	SIZE
CHECKED	J'OD	JAN 08	DRG. NO.
APPROVED	TM	JAN 08	D070435

SCALE: 1:1 PROJECTION:

CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
 RUTHERFORD APPLTON LABORATORIES

SYSTEM: **ADVANCED LIGO**

SUB-SYSTEM: **SUS**

NEXT ASSY: **THIS**

PART NAME: **BS TOP MASS**

BY: **BS TRIPPLE**

DRG. NO.: **D070435**

SHEET 1 OF 1