



ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	2			D060325	ROTATIONAL ADJUSTER; STATIC HALF	ST ST: 304/316
2	1			D080081	TOP STAGE STIFF BACK; BS TOP STAGE	AL ALLOY: 6061
3	2			D080082	BLADE CLAMP ASSEMBLY; BS TOP STAGE	AS DRW:
4	2			D080089	BLADE STOP PIN; BS TOP STAGE	ST STEEL: 304/316
5	2			D080090	BLADE TIP STOP MOUNT; BS TOP STAGE	PH.BRONZE: PB2
6	2			D080091	ROTATIONAL BUSH; BS TOP STAGE	PH.BRONZE: PB2
7	12				1/4" 20 UNC WASHER; .	
8	4				1/4-20 x 1D UNC THREAD INSERT; .	
9	26				1/4-20 x 2D UNC THREAD INSERT; .	
10	2				1/4" 20 UNC X 0.75" CAP HEAD; .	
11	8				1/4" 20 UNC X 1" CAP HEAD; .	
12	4				1/4" 20 UNC X 1.25" CAP HEAD; .	
13	4				1/4-20 UNC X 1.5" CAP HEAD; .	
14	6				1/4" 20 UNC X 2" CAP HEAD, SPHERICAL TIP; .	
15	4				1/4" 20 UNC NUT; .	
16	4				8-32 UNC X NUT; .	
PARTS LIST						

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: D080189-001 - A VIBRATOR TOOL MAY BE USED.

DIMENSIONS ARE IN mm (INCHES) TOLERANCES:

X .XX ± .13 ANGLE ± FALSE °

MATERIAL: AS DRW AS DRW

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

DRAWN	REVISED	DATE	BY
CHECKED	J'DO	DEC/07	DEC/07
APPROVED	TM	DEC/07	

CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 RUTHERFORD APPLINGTON LABORATORIES

SYSTEM: **ADVANCED LIGO**
 SUB-SYSTEM: **SUS**
 NEXT ASSY: **BS/FM SUSPENSION**
 PART NAME: **BS TOP STAGE BEAM SPLITTER**

DRG. NO. **D080080** SCALE: 1:1 PROJECTION: **F** SHEET 1 OF 1