



ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	2			0060325	ROTATIONAL ADJUSTER; STATIC HALF	ST ST: 304/316
2	1			0080080.SKEL		
3	1			0080081	TOP STAGE STIFF BACK; BS TOP STAGE	AL ALLOY: 6061
4	2			0080082	BLADE CLAMP ASSEMBLY; BS TOP STAGE	AS DRW:
5	2			0080089	BLADE STOP PIN; BS TOP STAGE	ST STEEL: 304/316
6	2			0080090	BLADE TIP STOP MOUNT; BS TOP STAGE	PH.BRONZE:
7	2			0080091	ROTATIONAL BUSH; BS TOP STAGE	PH.BRONZE:
8	12				1/4" 20 UNC WASHER; .	
9	6				1/4" 20 UNC X 0.75" CAP HEAD; .	
10	4				1/4" 20 UNC X 1" CAP HEAD; .	
11	4				1/4" 20 UNC X 1.25" CAP HEAD; .	
12	4				1/4"-20 UNC X 1.5" CAP HEAD; .	
13	6				1/4" 20 UNC X 2" CAP HEAD, SPHERICAL TIP; .	
14	4				1/4" 20 UNC NUT; .	
15	1				BS ENVELOPE; .	

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: 0080080-001-A VIBRATOR TOOL MAY BE USED.

DIMENSIONS ARE IN mm (INCHES) TOLERANCES:
 X XX ± .13
 ANGULAR ±FALSE ±

MATERIAL: AS DRW AS DRW

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

NAME	DATE	SIZE
DRAWN	REV/FEE/ 02/09/08	SIZE
CHECKED	J'OD/ DEC/07	DRG. NO.
APPROVED	IM/ DEC/07	SCALE 1:1

CALIFORNIA INSTITUTE OF TECHNOLOGY
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 RUTHERFORD APPLIION LABORATORIES

SYSTEM: **ADVANCED LIGO**
 SUB-SYSTEM: **SUS**
 NEXT ASSY: **THIS**
 PART NAME: **BS TOP STAGE BEAM SPLITTER**
 DRG. NO.: **0080080**
 SCALE 1:1 PROJECTION: **E** SHEET 1 OF 1