



ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	2			0080502	BEAM SPLITTER UPPER STRUCTURE; FACE PLATE ALLOY: 6082 T6	
2	2			0080503	BEAM SPLITTER UPPER STRUCTURE; SHEAR PLATE ALLOY: 6082 T6	
3	1			0080504	BEAM SPLITTER UPPER STRUCTURE; BOTTOM RAIL ALLOY: 6082 T6	
4	2			0080505	BS US CROSS MEMBER; BS UPPER STRUCTURE AL ALLOY: 5083 OR SIMILAR	
5	2			0080506	BS UPPER STRUCTURE; STAY BRACKET #1 AL ALLOY: 5083 OR SIMILAR	
6	1			0080507	BS UPPER STRUCTURE; STAY BRACKET #2 AL ALLOY: 5083 OR SIMILAR	
7	1			0080508	BS UPPER STRUCTURE; STAY BRACKET #3 AL ALLOY: 5083 OR SIMILAR	
8	4			0080509	BEAM SPLITTER; STAY LEG AL ALLOY: 6082 T6	
9	16				1/4" 20 UNC X 2" CAP HEAD; .	
10	15				3/8-16 UNC X 1.25" CAP HEAD; .	
11	49				3/8-16 UNC X 1" CAP HEAD; .	
12	4				3/8-16 UNC X 3.0" CAP HEAD; .	
13	56				3/8 FLAT WASHER; .	

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 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: 0080500-001 - A VIBRATOR TOOL MAY BE USED.

DIMENSIONS ARE IN mm (INCHES) TOLERANCES:

X .XX ± .13 ANGLE ± .

MATERIAL: AS DRW

FINISH: √μm (μIN) Ra - AS DRW

NAME DATE

DRAWN J O'BELL 02/SEP/08

CHECKED AJB 03/SEP/08

APPROVED JOD

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY GLASGOW UNIVERSITY GEC ROX GROUP RUTHERFORD APPLETON LABORATORIES

SYSTEM ADVANCED LIGO

SUB-SYSTEM SUS

NEXT ASSY THIS

PART NAME BEAM SPLITTER TRIPPLE

DRG. NO. 0080501

SCALE 1:1.51 PROJECTION

SHEET 1 OF 1