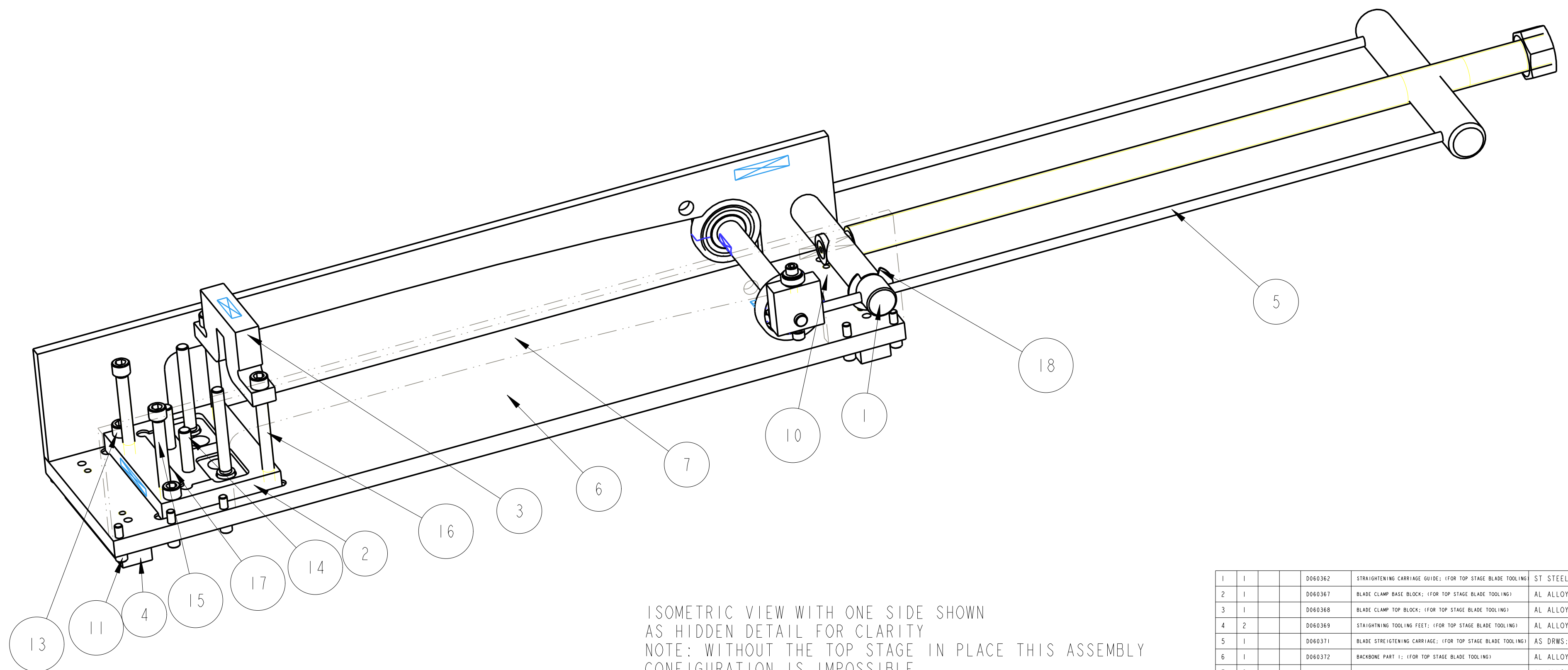


REV.	DATE	DCN #	DRAWING TREE #
A	17/OCT/06	E060242	



ISOMETRIC VIEW WITH ONE SIDE SHOWN  
 AS HIDDEN DETAIL FOR CLARITY  
 NOTE: WITHOUT THE TOP STAGE IN PLACE THIS ASSEMBLY  
 CONFIGURATION IS IMPOSSIBLE

ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	1			D060362	STRAIGHTENING CARRIAGE GUIDE; (FOR TOP STAGE BLADE TOOLING)	ST STEEL; 303/304
2	1			D060367	BLADE CLAMP BASE BLOCK; (FOR TOP STAGE BLADE TOOLING)	AL ALLOY; 6061 T6
3	1			D060368	BLADE CLAMP TOP BLOCK; (FOR TOP STAGE BLADE TOOLING)	AL ALLOY; 6061 T6
4	2			D060369	STRAIGHTENING TOOLING FEET; (FOR TOP STAGE BLADE TOOLING)	AL ALLOY; 6061 T6
5	1			D060371	BLADE STRAIGHTENING CARRIAGE; (FOR TOP STAGE BLADE TOOLING)	AS DRWS: -----
6	1			D060372	BACKBONE PART 1; (FOR TOP STAGE BLADE TOOLING)	AL ALLOY; 6061 T6
7	2			D060373	BACKBONE PART 2; (FOR TOP STAGE BLADE TOOLING)	AL ALLOY; 6061 T6
8	1			D080748	.. .	-----; -----
9	1			D080749	.. .	-----; -----
10	4				1/4" 20 UNC X 0.75" CAP HEAD: .	ST STEEL 300 SERIES
11	10				1/4" 20 UNC X 1" CAP HEAD: .	ST STEEL 300 SERIES
12	1				1-8 UNC NUT: .	
13	2				3/8 16 UNC X 1.25" CAP HEAD: .	ST STEEL 300 SERIES
14	2				3/8-16 UNC X 2.00" CAP HEAD: .	ST STEEL 300 SERIES
15	4				3/8-16 UNC X 3.0" CAP HEAD: .	ST STEEL 300 SERIES
16	2				3/8-16 UNC X 3.5" CAP HEAD: .	ST STEEL 300 SERIES
17	2				3/8 FLAT WASHER: .	ST STEEL 300 SERIES
18	2				CIRCLIP; SERIAL No. 0087	ST STEEL 300 SERIES

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: D020188-001. A VIBRATORY TOOL MAY BE USED.

DIMENSIONS ARE IN mm [INCHES]  
 X.XX ± . [ ] °  
 ANGULAR ± . °

MATERIAL: -----  
 FINISH: -----  
 √µm [µin] Ra = -----

NAME	DATE
DRAWN I WILMUT	25/Sep/06
CHECKED J'OD	17/OCT/06
APPROVED RJG	17/OCT/06

SCALE 2:1 PROJECTION

CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
 IGR, GLASSBORO UNIVERSITY GEO 600 GROUP  
 RUTHERFORD APPLETON LABORATORIES

SYSTEM **ADVANCED LIGO**  
 SUB-SYSTEM **SUS**  
 NEXT ASSY **QUAD N-PTYPE TOP STAGE**  
 PART NAME **STRAIGHTENING TOOLING ASSY (TOP STAGE BLADE TOOLING)**

DRG. NO. **D060370**  
 SHEET 1 OF 1