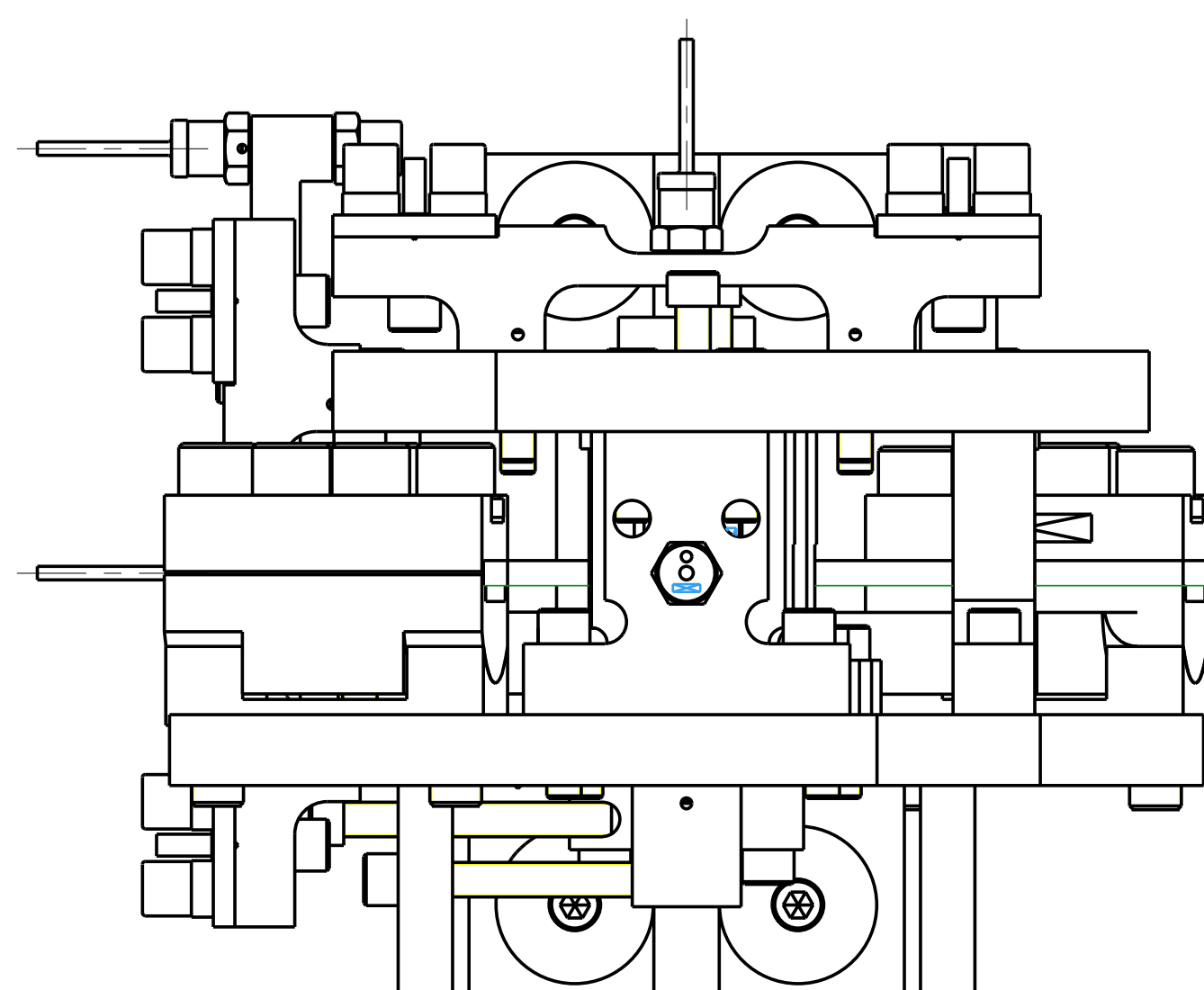
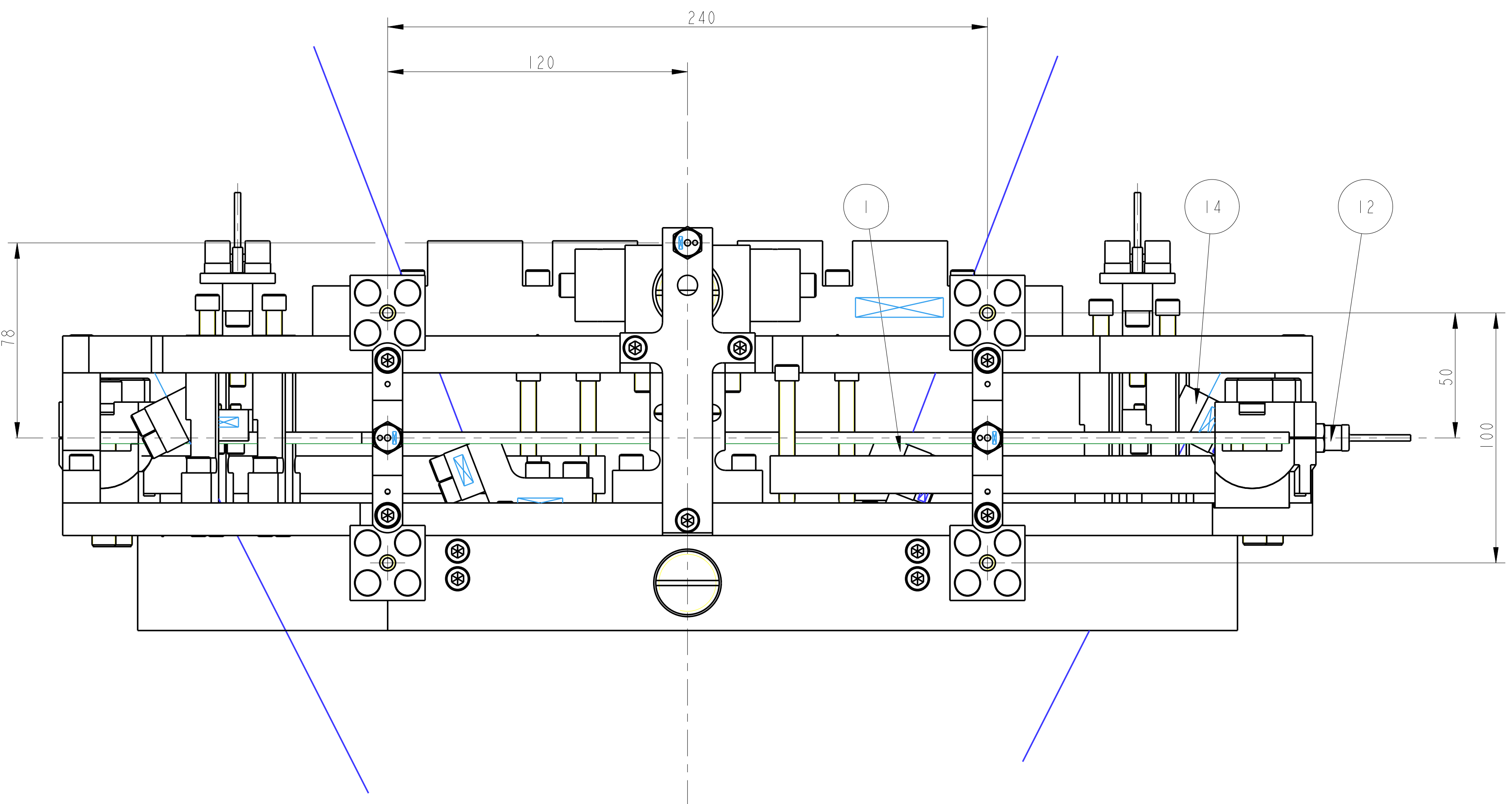
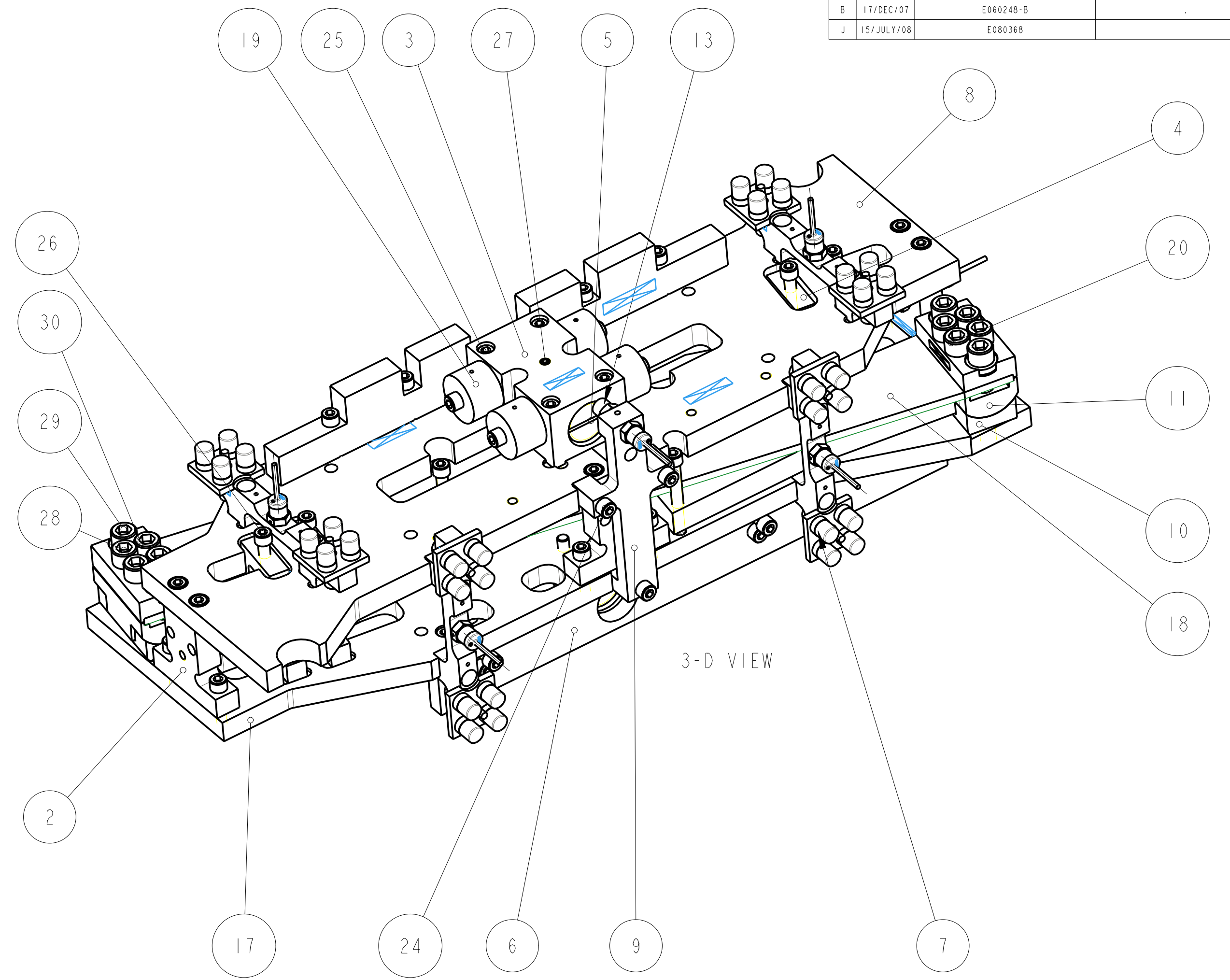
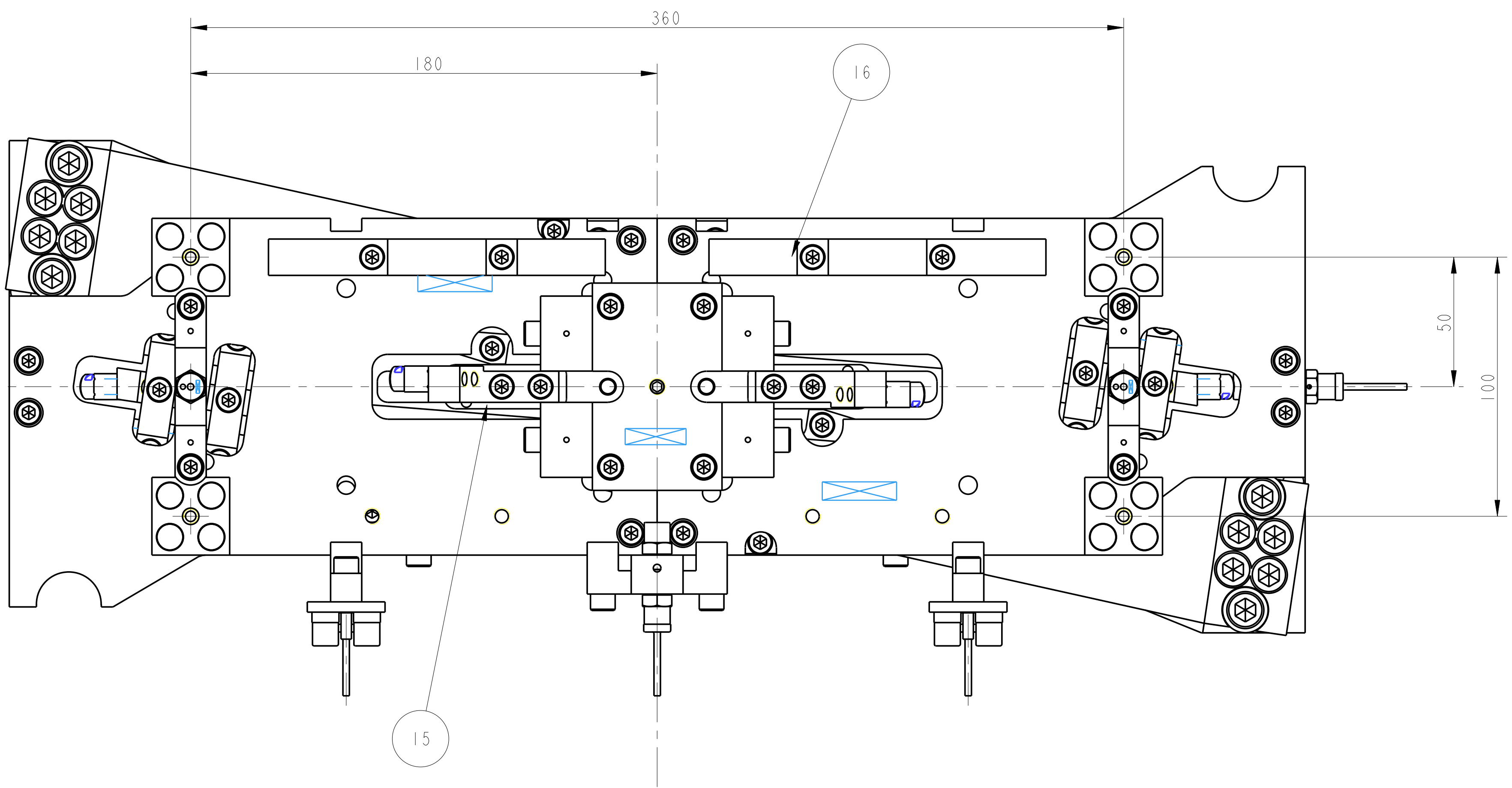


REV.	DATE	DCN #	DRAWING TREE #
A	19/OCT/06	E060248	
B	17/DEC/07	E060248-B	
J	15/JULY/08	E080368	



ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	2			D060391	TOP WIRE CLAMP: (TOP MASS)	SEE ITEMS LIST: .....
2	4			D060397	TOP MASS SPACER: . . .	ST. STEEL: 304
3	2			D060398	PITCH ADJUSTER & MASS: ADJUSTER TURRET	AL ALLOY: 5083
4	4			D060399	STOP BRIDGE: . . .	AL ALLOY: 5083
5	2			D060405	PITCH ADJUSTER: . . .	ST. STEEL: 304
6	2			D060406	BASE PLATE STIFFENER: . . .	AL ALLOY: 5083
7	4			D060409	OSEM ECO UNIT: . . .	.....: AS DRAWN
8	2			D060411	TOP PLATE: -	ST. STEEL: 304
9	1			D060412	OSEM BRACKET (TOP OSEM): . . .	AL ALLOY: 5083
10	2			D060414	BLADE TIP Z POSITION ADJ: (BTM HALF PART 2)	AL ALLOY: 5083
11	2			D060415	BLADE TIP Z POSITION ADJ: (BTM HALF)	ST. STEEL: 304/316
12	2			D060416	OSEM MAGNET AND FLAG: . . .	AS DRAWING: .....
13	2			D060417	OSEM MAGNET AND FLAG CONCEPT: PART BUILT	AS BOM: .....
14	2			D060419	TOP MASS WIRE CLAMP: . . .	.....: SEE DRAWINGS
15	2			D060420	WIRE CLAMP ADJUSTMENT BLOCK: . . .	AL ALLOY: 5083
16	2			D060421	MASS AND SUPPORT MEMBER: . . .	ST. STEEL: 304
17	1			D060430	BASE PLATE: -	AL ALLOY: 5083
18	2			D060236_FLAT	MIDDLE BLADE SPRING: -	MARAGING STEEL 250: .....
19	8			D060359-100-0	ADDITIONAL MASS: . . .	ST. STEEL: 316
20	2			D060404-000	BLADE CLAMP: (TOP HALF)	ST. STEEL: 304/316
21	1				1/4"-20 x 0.50 UNC THREAD INSERT: . . .	
22	1				1/4"-20 x 1.50 UNC THREAD INSERT: . . .	
23	1				1/4"-20 x 10 UNC THREAD INSERT: . . .	
24	59				1/4" 20 UNC X 1" CAP HEAD: . . .	ST. STEEL: 316
25	10				1/4" 20 UNC X 2" CAP HEAD: . . .	ST. STEEL: 316
26	10				1/4" 20 UNC X 2" CAP HEAD, SPHERICAL TIP: . . .	ST. STEEL: 316
27	2				1/4" 20 UNC X 0.188" GRUBSCREW: . . .	ST. STEEL: 316
28	8				3/8 16 UNC X 1.25" CAP HEAD: . . .	ST. STEEL: 316
29	4				3/8 16 UNC X 2.25" CAP HEAD: . . .	ST. STEEL: 316
30	4				3/8 SPHERICAL WASHER: . . .	ST. STEEL: 316
31	4				PIN: . . .	

NOTES: (UNLESS OTHERWISE SPECIFIED)  
 1. REMOVE ALL SHARP EDGES.  
 2. DO NOT SCALE FROM DRAWING.  
 3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CIMTECH WILSON'S CIMTECH 410 (STAINLESS STEEL).  
 4. SCRIBE ENGRAVING 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 077 HIGH CHARACTERS. EXAMPLE: D060403-001. A VIBRATORY TOOL MAY BE USED.

DIMENSIONS ARE IN mm (INCHES)  
 TOLERANCES:  
 X XX ± 0.25 mm  
 ANGULAR ±0.25°  
 MATERIAL: AS BOM  
 FINISH: N/A  
 NAME: DATE: 10/20/08  
 DRAWN: I WILMOT 10/20/08  
 CHECKED: A JB SMAYOR  
 APPROVED: A JB 15/JULY/08

CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
 DR. GLASSON UNIVERSITY GEO 800 GROUP  
 RUTHERFORD APPLETON LABORATORIES

SYSTEM: **ADVANCED LIGO**  
 SUB-SYSTEM: **SUS**  
 NEXT ASSY: **QUAD N-PTYPE**  
 PART NAME: **TOP MASS N-PTYPE GA**

DRG. NO.: **D060403**  
 SCALE: 4:1 PROJECTION