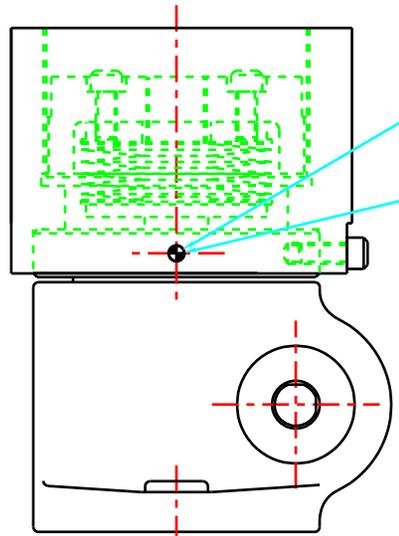


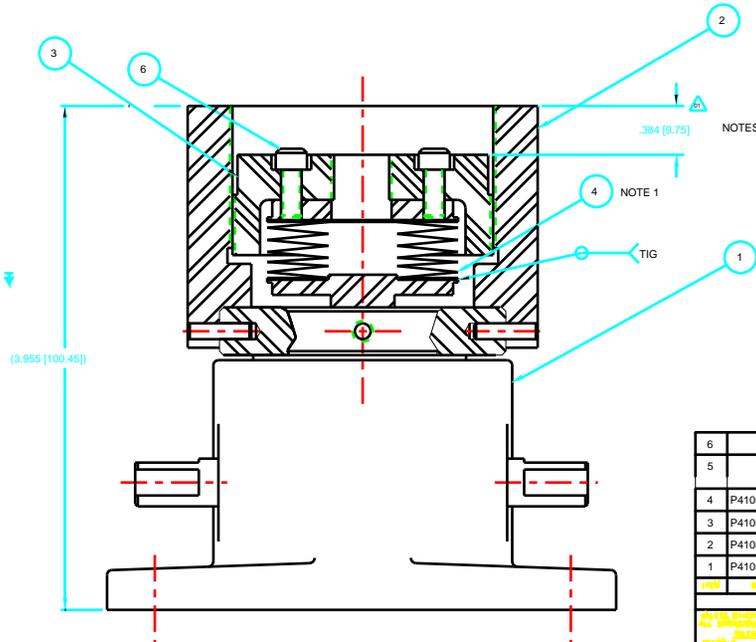
$\varnothing 125$ [3.17] X $.49$ [12.20]
 FLAT BOTTOM DRILL
 MUST NOT BREAK THRU
 2X - NOTES 4, 5, AND 6
 (PILOT HOLES MAY BE LOCATED
 90° FROM POSITION SHOWN.)

5 REF
 (WILL PROTRUDE ABOVE SURFACE
 OF ITEM 3 AFTER ASSY.)

- NOTES:
1. PLACE ITEM 4 ON ROTATING PLATE OF ITEM 1 AND WELD IN PLACE.
 2. THREAD ITEM 3 INTO ITEM 2 TO DIMENSION SHOWN.
 3. FASTEN ITEM 2 TO ITEM 1 WITH #8-32 S.H.C.S. ROTATE MACHINE SCREW INPUT SHAFT TO ALIGN HOLES IN ITEMS 3 & 4, WHILE MAINTAINING .384 DIMENSION, AND SECURE WITH #8-32 S.H.C.S.
 4. USING $\varnothing 25$ REAMER DRILL AND REAM THRU PILOT HOLE OF ITEM 2 INTO ITEM 1.
 5. INSERT DOWEL PIN (ITEM 5). REPEAT PROCESS FOR REMAINING PILOT HOLES IN ITEMS 2 AND 3.
 6. CAUTION: PREVENT ANY DEBRIS FROM ENTERING THE THREADED SURFACES OF ITEMS 2 AND 3.



$\varnothing 125$ [3.17] X $.53$ [13.49]
 2X-180° APART
 NOTES 4, 5, AND 6



NOTE 2 AND 3
 NOTE 1
 TIG

6	#8-32 UNC X .375 LG. S.H.C.S.	STAINLESS STEEL	7
5	$\varnothing 25$ X .500 LG DOWEL PIN	MCMASTER-CARR 90145A471	4
4	P4105090503-220100 BELLOWS WELDMENT ASSEMBLY	SEE DWG.	1
3	P4105090503-220003 DIFFERENTIAL NUT	SEE DWG.	1
2	P4105090503-220002 SUPPORT NUT	SEE DWG.	1
1	P4105090503-220001 MACHINE SCREW ACTUATOR	SEE DWG.	1

ITEM	DESCRIPTION	QUANTITY	UNIT	MATERIAL / SPEC	REV
PARTS LIST					
Job Number: A1547101 Date: 10/21/94 Design: J. BARRAZA Check: T. M. KUZAY Date: 11/12/94 Material: SEE B.O.M.					

01	384 WAS. 344; REVISED NOTES	KWC	JB	10/23/96
02	CHANGE DIMENSIONS	JP	DOB	8/18/96
03	REVISED	JP	DOB	8/18/96

ARGONNE NATIONAL LABORATORY
 ADVANCED PHOTON SOURCE
 T3 VERTICAL DIFFERENTIAL STAGE
 ACTUATOR ASSEMBLY

DATE: 11/12/94
 DRAWN: J. BARRAZA
 CHECKED: T. M. KUZAY
 PART: 2:1
 REV: 1:1
 P4105090503-220000-01