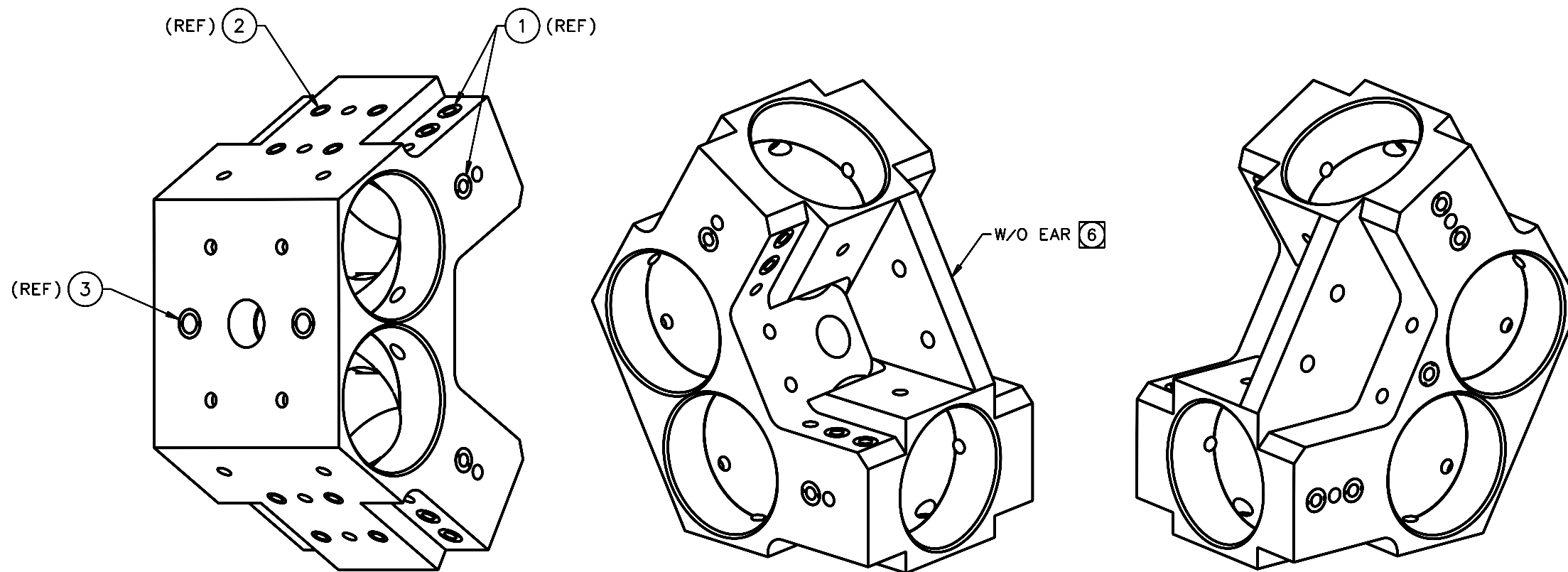


| REVISIONS | | | | |
|-----------|---------------------------------|----------|------------|-------------|
| LTR | DESCRIPTION | DATE | REVISED BY | APPROVED |
| A | INITIAL RELEASE | 10/19/05 | R. NAGY | J. BECHTOLD |
| B | ADDED ITEM 3; ITEM 1 QTY WAS 21 | 11/15/05 | R. NAGY | J. BECHTOLD |



ISO VIEWS

SCALE NTS
SEE FABRICATION VIEW ON SHTs 2 THRU 5

SAME AS 13886 EXCEPT AS INDICATED IN NOTE 7

NOTES:

1. BREAK SHARP EDGES & DEBURR.
2. MACHINED SURFACE FINISH TO BE 125 RMS OR BETTER.
3. MACHINED FILLETS TO BE R.015 MAX UNLESS OTHERWISE SPECIFIED.
- 4 ANODIZE PER MIL-A-8625, TYPE II, CLASS 2, BLACK.
DIMENSIONS ARE BEFORE ANODIZING.
5. INSTALL ALL INSERTS PER MANUFACTURER'S DIRECTIONS.
- 6 BREAKTHRU OF NOTED INSERT INSTALLATION HOLES INTO $\phi 1.893$ & $\phi 1.91$ HOLES OKAY.
- 7 SAME AS 13886 EXCEPT W/O EAR (SEE ISO VIEW, THIS SHT) & SIX LESS ITEM 1 INSERTS.
8. QTY REQD: 2.

| QTY PER ASSY | -3 | -2 | -1 | PART NUMBER | PART DESCRIPTION | MANUFACTURER or MAT'L SPEC | ITEM NO. |
|--------------|----|----|----|-------------|------------------|------------------------------------------------------------------|-----------------|
| | | | | 2 | 93340A410 | INSERT, THREADED OD (3/8-16), KEY-LOCK, 1/4-20 x 3/8 LG, 18-8 SS | McMASTER-CARR 3 |
| | | | | 8 | 91732A359 | INSERT, HELICAL, W/TANG, 8-32 x .164 LG, 18-8 SS | McMASTER-CARR 2 |
| | | | | 19 | 91731A047 | INSERT, THREADED OD (5/16-18), KEY-LOCK, 8-32 x 5/16 LG, 18-8 SS | McMASTER-CARR 1 |

LIST OF MATERIALS

| | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------|--|-------------|--|
| DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-94 | | THIS DRAWING CREATED IN: ACAD <input type="checkbox"/> MECH <input type="checkbox"/> IDEAS <input checked="" type="checkbox"/> | | Steward Observatory, University of Arizona 933 N. Cherry Avenue, Tucson, AZ 85721 (520)621-7659 | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED LINEAR .1 = .005 .05 = .003 .005 = .001 ANGULAR ±1° DIAMETRICAL SEE SPEC S-002 | | DESIGNED BY: D. DEAN | DATE: 9/3/03 | CATEGORY: MMT | | | |
| MATERIAL - | | DRAWN BY: R. NAGY | 10/2/03 | PROJECT: MAESTRO | | | |
| FINISH 4 | | CHECKED BY: J. BECHTOLD | 10/19/05 | TITLE: TRUSS SPACE FRAME BASIC APEX FITTING W/O EAR | | | |
| NEXT ASSY USED ON | | APPROVED BY: J. BECHTOLD | 10/19/05 | PLOT SIZE SCALE: D - | | | |
| ASSEMBLY APPLICATION | | APPROVED BY: R. WARNER | 10/19/05 | DRAWING NUMBER: 13249 | | REVISION: B | |
| CURRENT TIME/DATE/FILE LOCATION: | | | | SHEET 1 OF 5 | | | |
| DRAWING ARCHIVE LOCATION: http://dovinci.as.arizona.edu/ccad/default.html | | | | | | | |

LAST LETTER USED: M