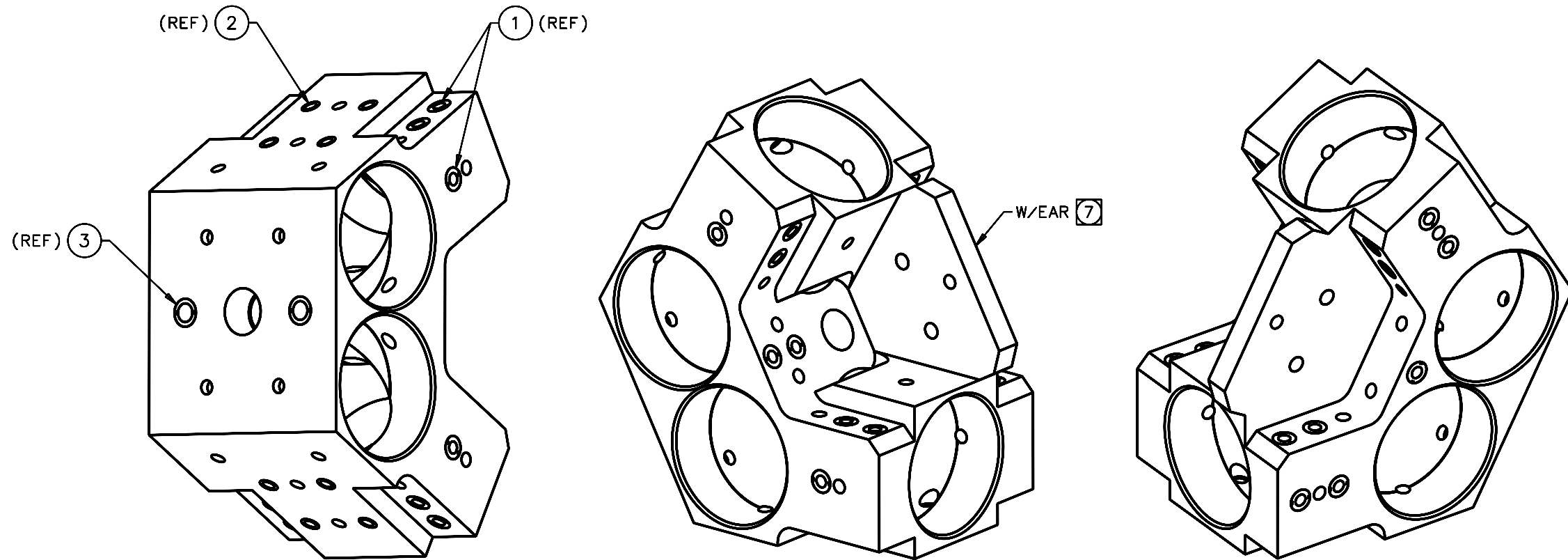


REVISIONS				
LTR	DESCRIPTION	DATE	REVISED BY	APPROVED
A	INITIAL RELEASE	10/19/05	R. NAGY	J. BECHTOLD
B	ADDED ITEM 3; ITEM 1 WAS QTY 27	11/15/05	R. NAGY	J. BECHTOLD



**ISO VIEWS**

SCALE NTS  
SEE FABRICATION VIEWS ON SHTs 2 THRU 5

SAME AS 13249 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 13249 EXCEPT W/EAR (SEE ISO VIEW, THIS SHT) & SIX ADDITIONAL ITEM 1 INSERTS.
8. QTY REQD: 12.

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
				25	91731A047	INSERT, THREADED OD (5/16-18), KEY-LOCK, 8-32 x 5/16 LG, 18-8 SS	McMASTER-CARR 1

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° = .005° DIAMETRICAL SEE SPEC S-002		DESIGNED BY: D. DEAN		DATE: 9/1/04		CATEGORY: MMT	
MATERIAL 6061-T6 Al		DRAWN BY: R. NAGY		DATE: 8/19/05		PROJECT: MAESTRO	
FINISH 4		CHECKED BY: J. BECHTOLD		DATE: 10/19/05		TITLE: TRUSS SPACE FRAME BASIC APEX FITTING W/EAR	
NEXT ASSY USED ON		APPROVED BY: R. WARNER		DATE: 10/19/05		PLOT SIZE SCALE: D -	
ASSEMBLY APPLICATION		CURRENT TIME/DATE/FILE LOCATION:		DRAWING NUMBER: 13886		REVISION: B	

LAST LETTER USED: M