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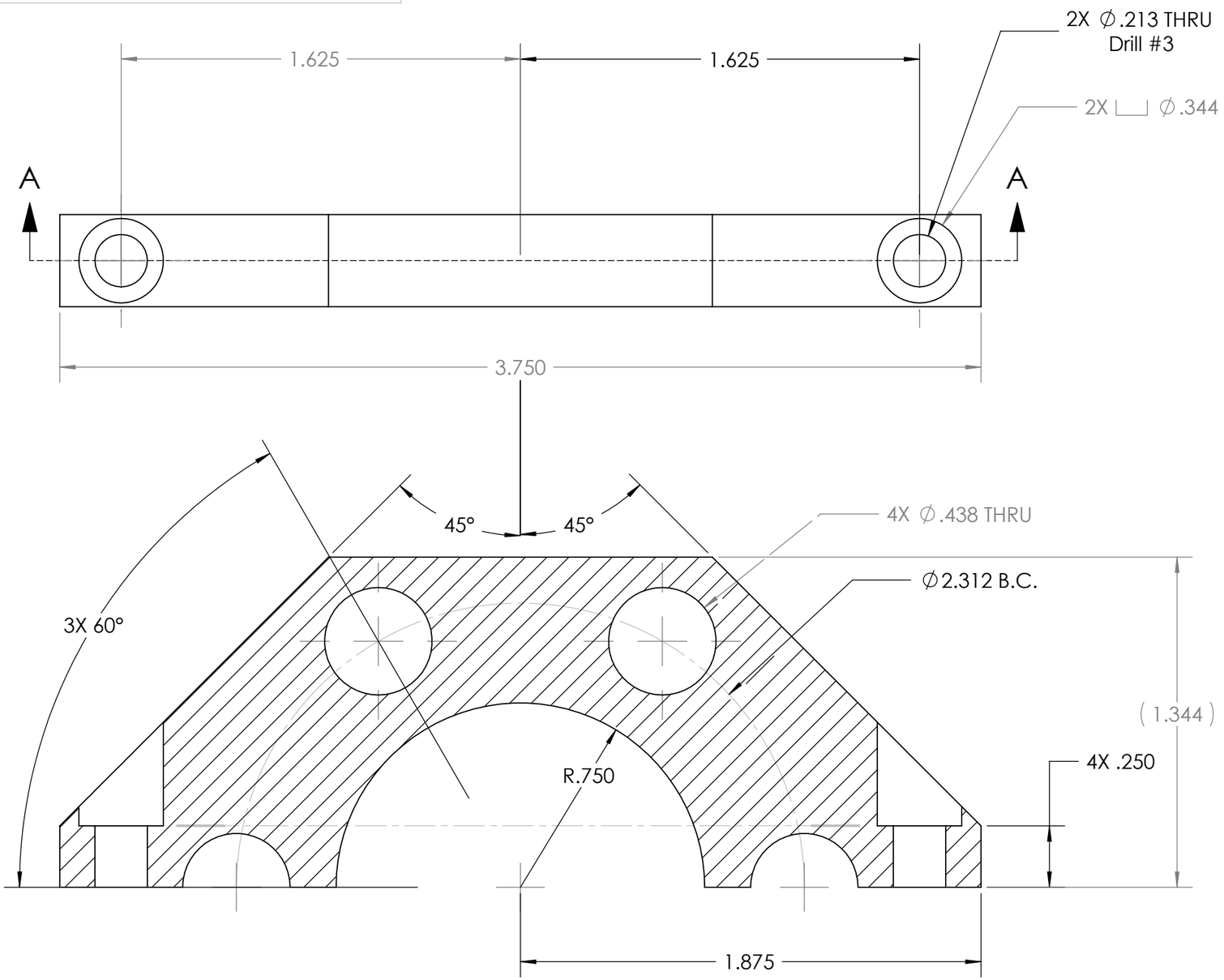
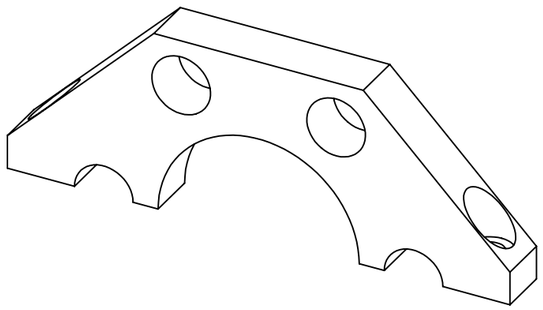
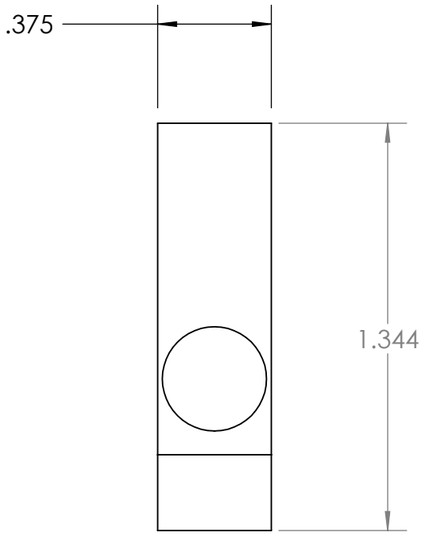
| REVISIONS | | | |
|---|---|---|---|
| | INITIAL RELEASE | X/XX/01 | J.E. |




SECTION A-A






**2 EA.**

| ITEM NO. | QTY. | Part_Number | DESCRIPTION | VENDOR | MATERIAL |
|---|---|---|---|---|---|
| 1 | 1 | 1002496 | MOUNT COLLAR CLAMP | | Aluminum 6061-T6 |

BILL OF MATERIALS

Shop / Q.C.

| | |
|---|---|
| Inspector | |
| Shop Foreman | |
| Engineer | |
| NEXT ASSY Description | NEXT ASSY Number |
| Application | |

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

| 1 PLACE DIM ±1/16 | 2 PLACE DIM ±.02 | 3 PLACE DIM ±.005 | ANGLES ±1° |
|---|---|---|---|

1. DIMENSIONS ARE IN INCHES
2. DIMENSION LIMITS HELD AFTER PLATING.
3. REMOVE BURRS AND SHARP EDGES .015 MAX.
4. MACHINED FILLET RADII .0150-.030.
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .OO5
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.

DO NOT SCALE DRAWING

| APPROVALS | DATE |
|---|---|
| DRAWN J. ERICKSON | 7/12/04 |
| ENGINEER J. ERICKSON | 7/12/04 |
| CHECKED J. F. | 8/24/04 |
| PROJECT NO. | 900213 |
| PROJECT | ISMS |
| WEIGHT | 0.032 lb. |

Monterey Bay Aquarium Research Institute
**MBARI**
**7700 Sandholdt RD.**
**Moss Landing, CA 95039**
**PH: (831) 775-1700**

MASS_SPEC
MountCollar Clamp

| SIZE | DWG. NO. | REV. |
|---|---|---|
| B | 1002496.DWG | |

SCALE 2:1 | CAD FILE: MECH ENG ON TORNADO | SHEET 1 OF 2

7. Finish: Gold Anodize per MIL-A-8625F Type IIB Class 2

NOTES: (CONT. FROM TITLE BLOCK)

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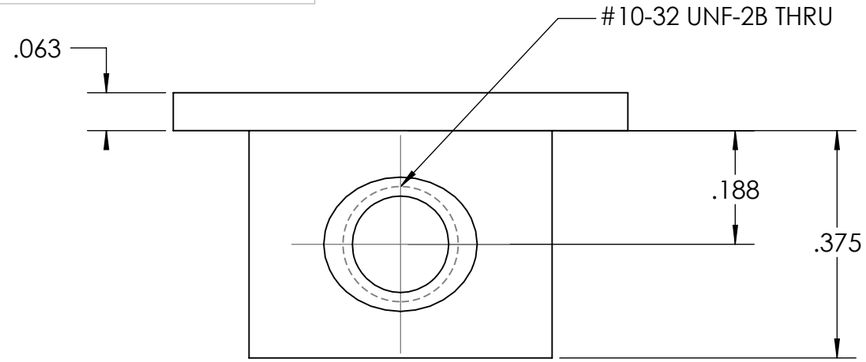
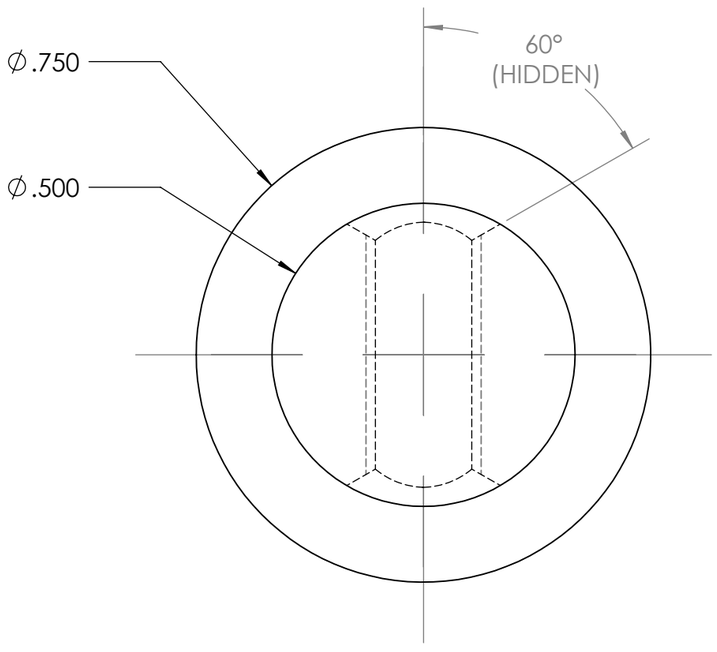
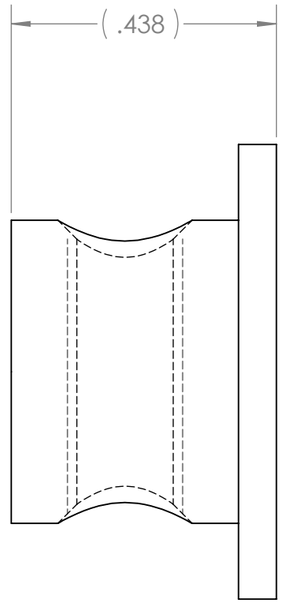
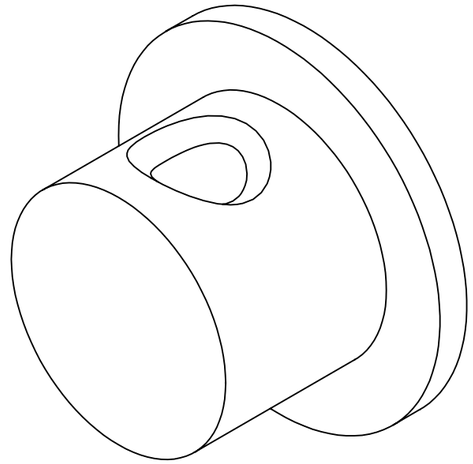
| REVISIONS | | | |
|---|---|---|---|
| REV. | DESCRIPTION | DATE | APPROVED |
| | INITIAL RELEASE | X/XX/00 | J.E. |



**4 EA.**

| 1 | 1 | 1002496 | Flanged Barrel Nut | | Aluminum Bronze CDA614 |
|---|---|---|---|---|---|
| ITEM NO. | QTY. | Part_Number | DESCRIPTION | VENDOR | MATERIAL |

BILL OF MATERIALS

| | | | | | |
|---|---|---|---|---|---|
| **Shop / Q.C.** | | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: | | APPROVALS | DATE |
| Inspector | | 1 PLACE DIM ±1/16 \| 2 PLACE DIM ±.02 \| 3 PLACE DIM ±.005 \| ANGLES ±1° | | DRAWN J. ERICKSON | 7/12/04 |
| Shop Foreman | | 1. DIMENSIONS ARE IN INCHES | | ENGINEER J. ERICKSON | 7/12/04 |
| Engineer | | 2. DIMENSION LIMITS HELD AFTER PLATING. | | CHECKED J. F. | 8/24/04 |
| | | 3. REMOVE BURRS AND SHARP EDGES .015 MAX. | | PROJECT NO. | 900213 |
| NEXT ASSY Description | NEXT ASSY Number | 4. MACHINED FILLET RADII .0150-.030. | | PROJECT | ISMS |
| | | 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .OO5 | | | |
| | | 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE. | | | |
| Application | | DO NOT SCALE DRAWING | | WEIGHT | |

Monterey Bay Aquarium Research Institute
**MBARI**
**7700 Sandholdt RD.**
**Moss Landing, CA 95039**
**PH: (831) 775-1700**

MASS_SPEC
MountCollar Clamp_ Barrel Nut

| SIZE | DWG. NO. | REV. |
|---|---|---|
| B | 1002496.DWG | |

SCALE 4:1 | CAD FILE: MECH ENG ON TORNADO | SHEET 2 OF 2

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