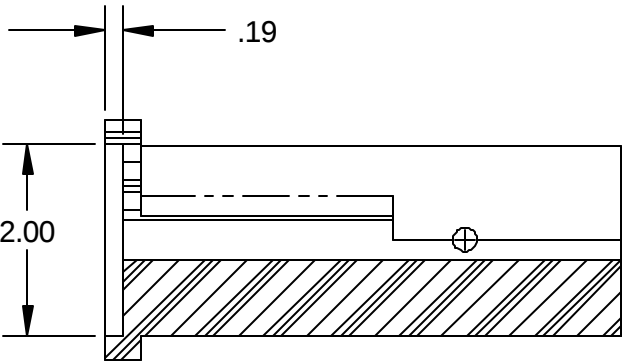
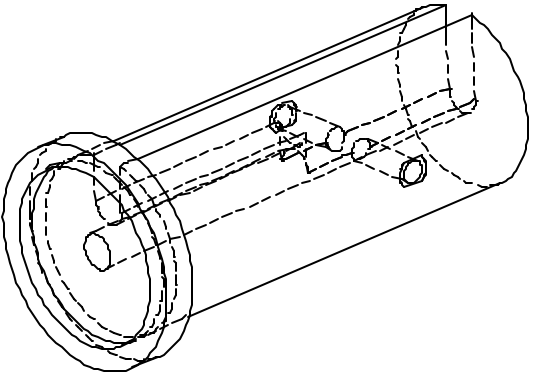


| REVISIONS |                 |      |          |
|-----------|-----------------|------|----------|
| REV.      | DESCRIPTION     | DATE | APPROVED |
|           | INITIAL RELEASE |      |          |



# SECTION A-A

| ITEM NO.              | QTY.             | DESCRIPTION                                                                                                                                                                                                                                                                                                                                    | PART NUMBER          | VENDOR                | MATERIAL               |                  |                                                                             |                                                                                       |              |
|-----------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------|------------------------|------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------|
| 1                     | 1                | Plunger                                                                                                                                                                                                                                                                                                                                        | 1001750              | MBARI                 | 17-4 SS                |                  |                                                                             |                                                                                       |              |
| BILL OF MATERIALS     |                  |                                                                                                                                                                                                                                                                                                                                                |                      |                       |                        |                  |                                                                             |                                                                                       |              |
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                     |                      |                       | APPROVALS              | DATE             | Monterey Bay Aquarium Research Institute                                    |                                                                                       |              |
| Inspector             |                  | 1 PLACE DIM<br>#1/16                                                                                                                                                                                                                                                                                                                           | 2 PLACE DIM<br># .02 | 3 PLACE DIM<br># .005 | ANGLES<br>#1°          | DRAWN<br>M.BROWN | 1/2/2003                                                                    |  |              |
| Shop Foreman          |                  | 1. DIMENSIONS ARE IN INCHES<br>2. DIMENSION LIMITS HELD AFTER PLATING.<br>3. REMOVE BURRS AND SHARP EDGES .015 MAX.<br>4. MACHINED FILLET RADII .0150-.030.<br>5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005<br>6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE. |                      |                       | ENGINEER<br>M.BROWN    |                  | MBARI<br>7700 Sandholdt RD.<br>Moss Landing, CA 95039<br>PH: (831) 775-1700 |                                                                                       |              |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                |                      |                       | CHECKED                |                  |                                                                             |                                                                                       |              |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                |                      |                       | PROJECT NO.<br>900252  |                  |                                                                             |                                                                                       |              |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                |                      |                       | PROJECT<br>Marker Tool | 1001750-Plunger  |                                                                             |                                                                                       |              |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                |                      |                       |                        | SIZE B           | DWG. NO.                                                                    | 1001750                                                                               | REV.         |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                           |                      |                       | WEIGHT (lbs)<br>4.26   | SCALE 1:2        | CAD FILE: MECH ENG ON TORNADO                                               |                                                                                       | SHEET 1 OF 1 |

NOTES: (Continued from Title Block)

7. All dimensions are symetric about common center lines unless specified otherwise.