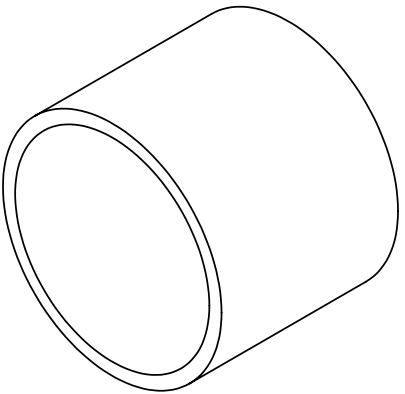
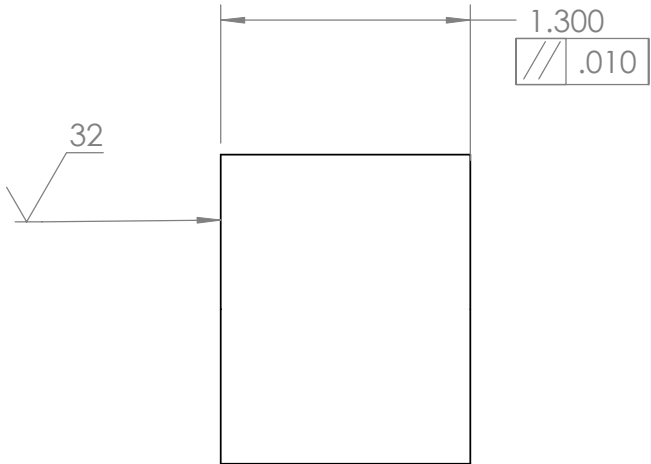


| REVISIONS |                 |        |          |
|-----------|-----------------|--------|----------|
| REV.      | DESCRIPTION     | DATE   | APPROVED |
|           | INITIAL RELEASE | 2/4/10 |          |



| BILL OF MATERIALS     |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |                     |                                    |         |                                            |                                                                                                                                                                                                                                                  |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------------|------------------------------------|---------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                     |                      |                     | APPROVALS                          |         | DATE                                       |                                                                                                                                                                                                                                                  |
| Inspector             |                  | 1 PLACE DIM<br>±1/16                                                                                                                                                                                                                                                                                                                            | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1°       | DRAWN                              | C OKUDA | 2/4/10                                     | <b>Monterey Bay Aquarium Research Institute</b><br><b>MBARI</b><br><b>7700 Sandholdt RD.</b><br><b>Moss Landing, CA 95039</b><br><b>PH: (831) 775-1700</b>  |
| 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                           | C OKUDA | 2/4/10                                     |                                                                                                                                                                                                                                                  |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |                     | CHECKED                            |         |                                            |                                                                                                                                                                                                                                                  |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |                     | PROJECT NO.<br>ocean acidification |         |                                            |                                                                                                                                                                                                                                                  |
|                       |                  | PROJECT                                                                                                                                                                                                                                                                                                                                         |                     | 900827               | ORING RETAINER TUBE |                                    |         |                                            |                                                                                                                                                                                                                                                  |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                     |                      |                     | WEIGHT                             |         | SIZE B DWG. NO. 10020456DWG REV.           |                                                                                                                                                                                                                                                  |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |                     | SCALE 2:1                          |         | CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1 |                                                                                                                                                                                                                                                  |