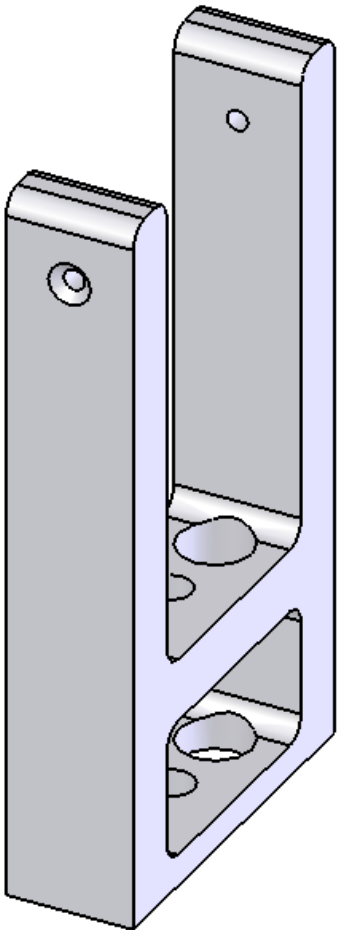




MATL. ACETAL COPOLYMER( BLACK )

| BILL OF MATERIALS     |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               |           |            |           |        |                                                                                                                                                                                                                                                |  |              |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------|-----------|------------|-----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                     |                      |               | APPROVALS |            | DATE      |        | <div>Monterey Bay Aquarium Research Institute</div> <div>MBARI<br/>7700 Sandholdt RD.<br/>Moss Landing, CA 95039<br/>PH: (831) 775-1700</div> <div></div> |  |              |
| Inspector             |                  | 1 PLACE DIM<br>±1/16                                                                                                                                                                                                                                                                                                                            | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1° | DRAWN     | L. BIRD    | 01/09/07  |        |                                                                                                                                                                                                                                                |  |              |
| 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  |            | L.BIRD    |        |                                                                                                                                                                                                                                                |  |              |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | CHECKED   |            |           |        |                                                                                                                                                                                                                                                |  |              |
| NEXT ASSY Description | NEXT ASSY Number | PROJECT NO.                                                                                                                                                                                                                                                                                                                                     |                     |                      |               |           | 900403     |           | BRIDGE |                                                                                                                                                                                                                                                |  |              |
|                       |                  | PROJECT                                                                                                                                                                                                                                                                                                                                         |                     |                      |               |           | AUV GULPER |           |        |                                                                                                                                                                                                                                                |  |              |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                     |                      |               | WEIGHT    |            | SIZE<br>B |        | DWG. NO.<br><div>100103DWG</div>                                                                                                                                                                                                               |  | REV.         |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               |           |            | SCALE 1:5 |        | CAD FILE: MECH ENG ON TORNADO                                                                                                                                                                                                                  |  | SHEET 1 OF 1 |