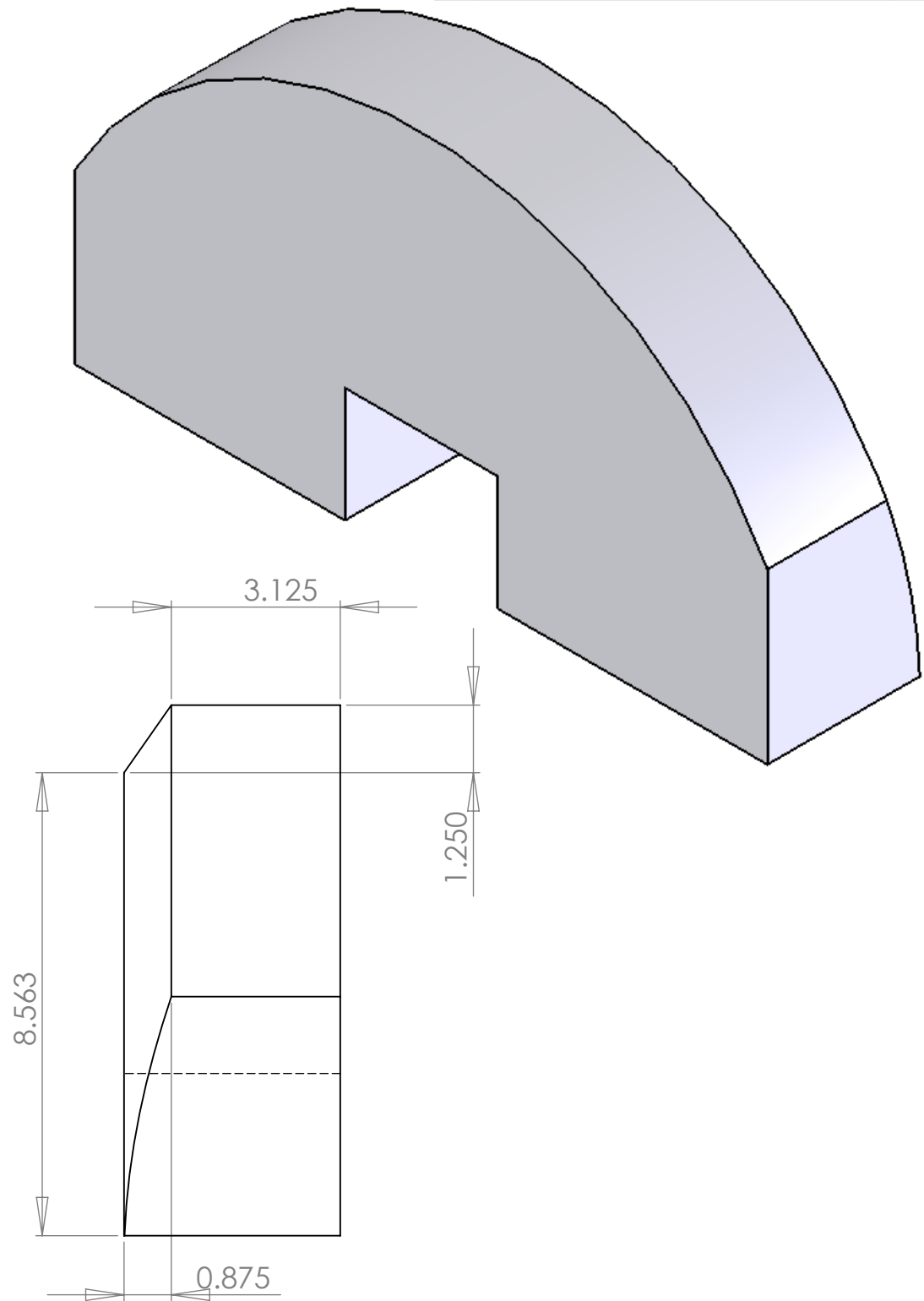




| BILL OF MATERIALS     |                  |                                                                                                                                                                                                                                                                                                                                                  |                     |                      |               |                    |         |                     |  |                                                                                                                                                                                                                                                |  |              |
|-----------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------|--------------------|---------|---------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|
| 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<br>NAME      | 9/27/00 |                     |  |                                                                                                                                                                                                                                                |  |              |
| 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>NAME   | 9/27/00 |                     |  |                                                                                                                                                                                                                                                |  |              |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                  |                     |                      |               | CHECKED            |         |                     |  |                                                                                                                                                                                                                                                |  |              |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                  |                     |                      |               | PROJECT NO.<br>XXX |         | PROJECT<br>ZZZZZZZZ |  |                                                                                                                                                                                                                                                |  |              |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                             |                     |                      |               | WEIGHT             |         | SIZE<br>B           |  | DWG. NO.<br>100XXXDWG                                                                                                                                                                                                                          |  | REV.         |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                  |                     |                      |               |                    |         | SCALE 1:3           |  | CAD FILE: MECH ENG ON TORNADO                                                                                                                                                                                                                  |  | SHEET 1 OF 1 |