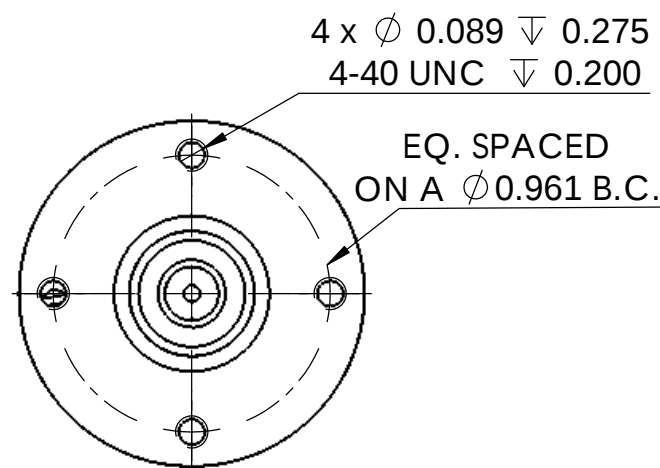
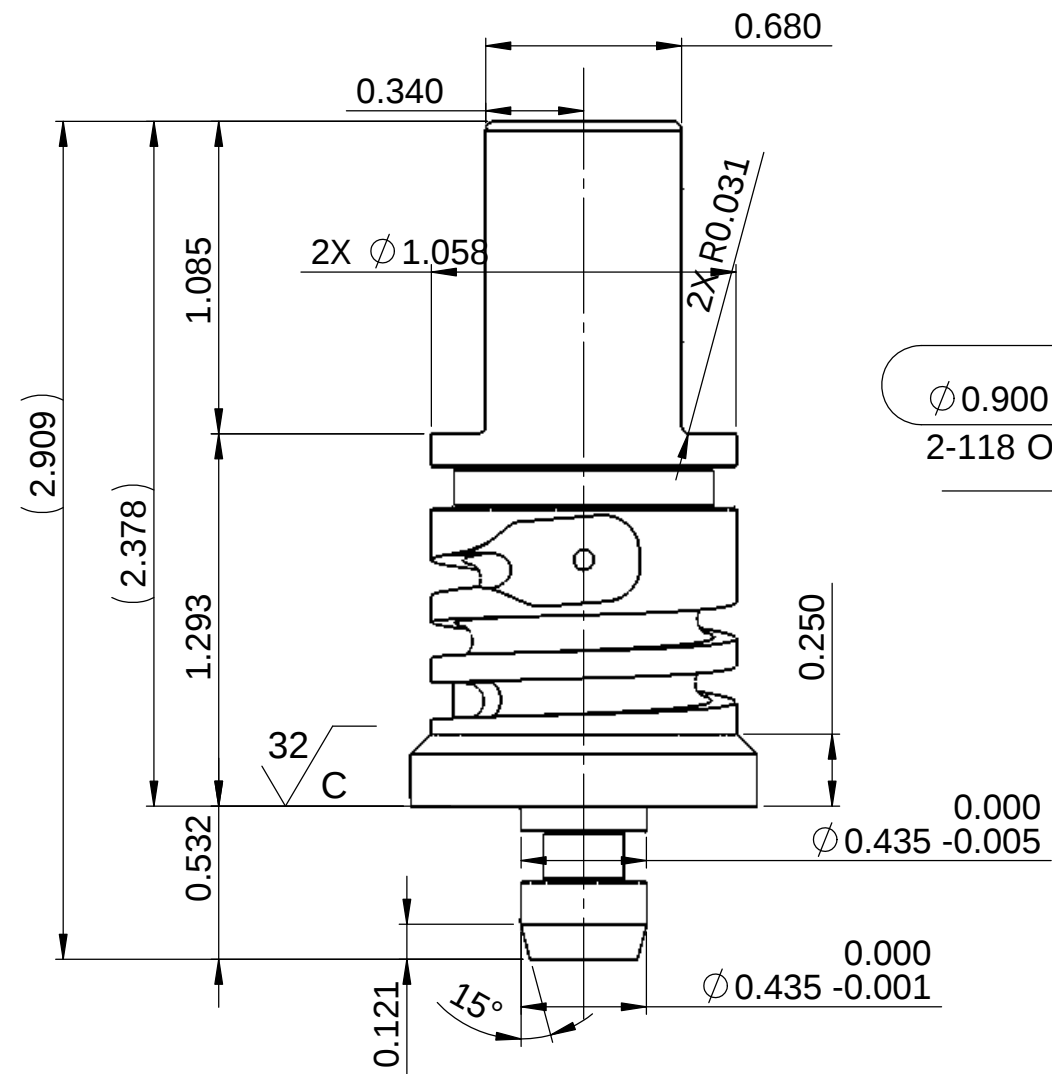
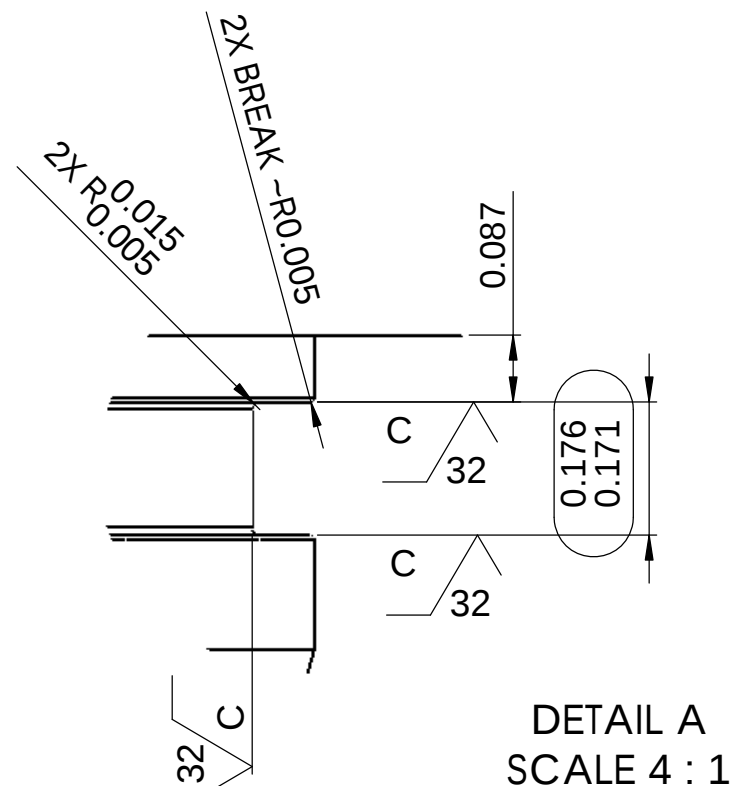
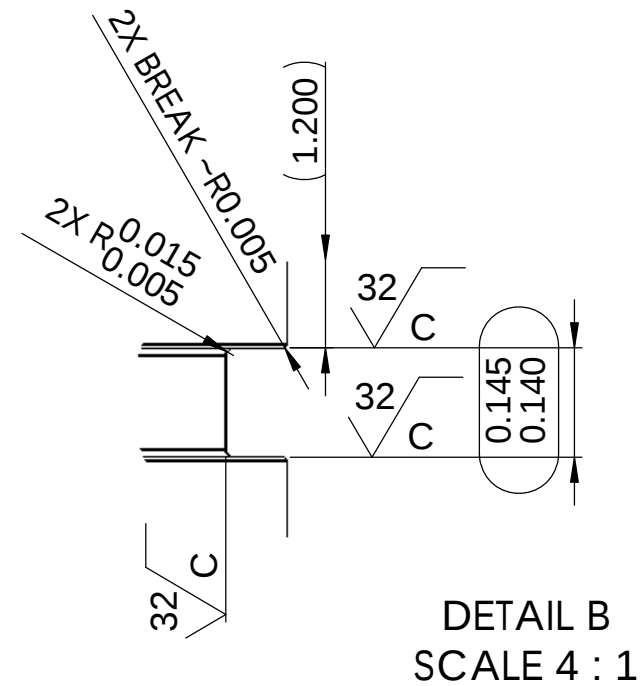
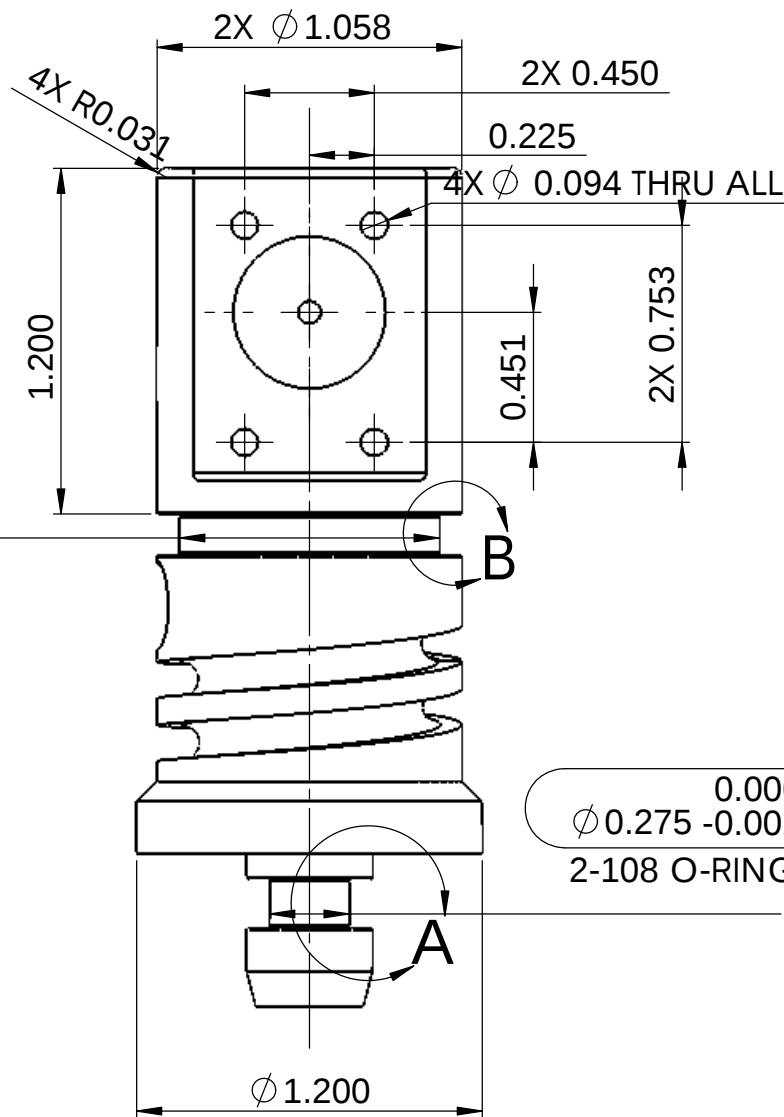


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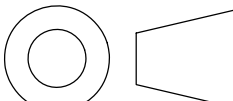


0.000  
 $\varnothing 0.900 -0.002$   
 2-118 O-RING

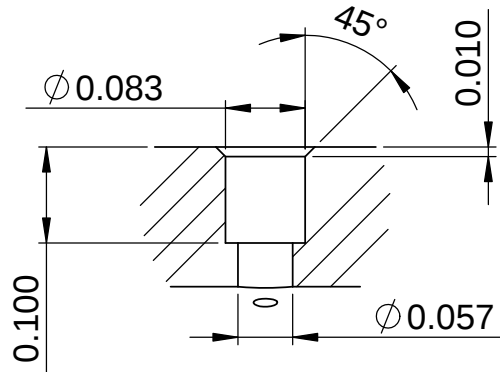
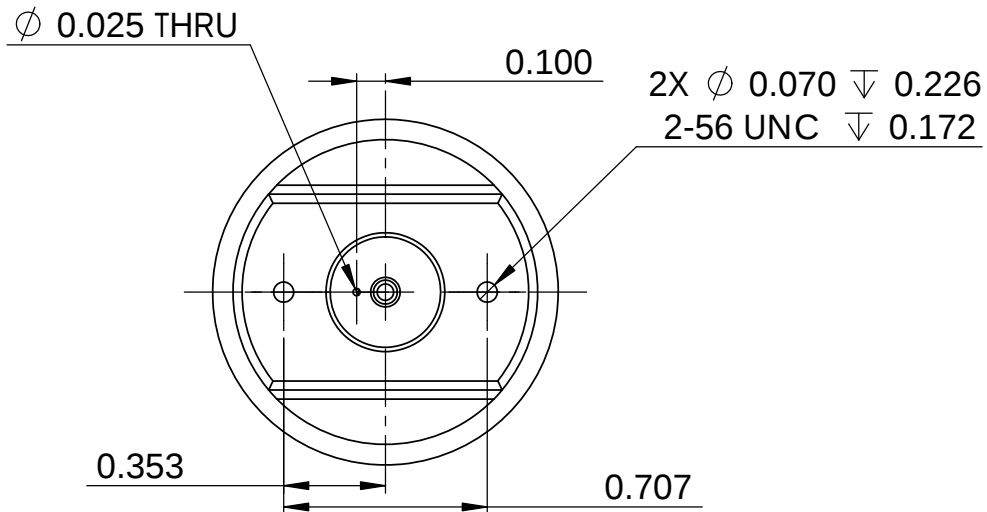
0.000  
 $\varnothing 0.275 -0.002$   
 2-108 O-RING



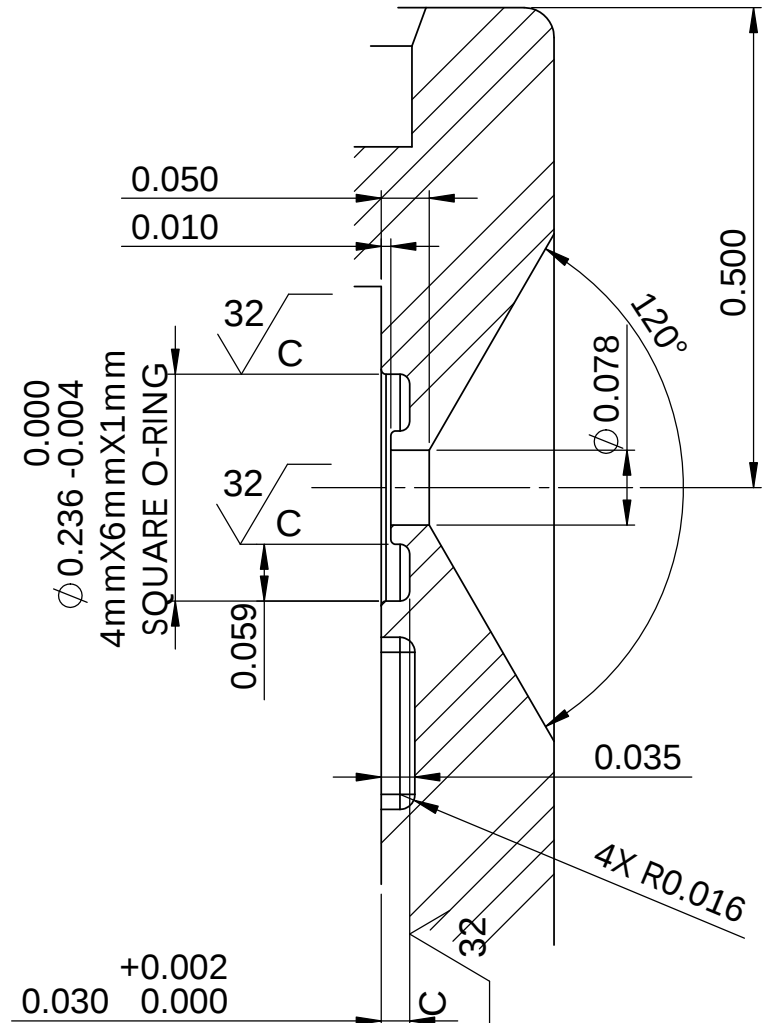
NOTES:  
1) Mat'l: PEEK, non-filled  
MIL-P 46183, certs req'd

| BILL OF MATERIALS                                                                     |                  |                                                                                                                                                                                                                                                                                                                                                  |                     |                                  |                |
|---------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------|----------------|
| NEXT ASSY Description                                                                 | NEXT ASSY Number | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                       |                     |                                  | APPROVALS DATE |
|                                                                                       |                  | 1 PLACE DIM<br>±.1/16                                                                                                                                                                                                                                                                                                                            | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005             | ANGLES<br>±1°  |
| THIRD ANGLE PROJECTION                                                                |                  | 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. |                     |                                  |                |
|  |                  | DRAWN<br>Gene M.<br>ENGINEER<br>Gene M.<br>CHECKED<br><br>PROJECT NO.<br>901206<br>PROJECT<br>Coastal Profiling Float                                                                                                                                                                                                                            |                     |                                  |                |
|                                                                                       |                  | <div>  <div> <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>831 775-1922</b> </div> </div>                                                                     |                     |                                  |                |
|                                                                                       |                  | <div> <div>SURPH HOUSING,<br/>PRESSURE BALANCED</div> <div> <div>SIZE<br/>B</div> <div>DWG. NO.</div> <div>REV.<br/>B</div> </div> </div>                                                                                                                                                                                                        |                     |                                  |                |
| DO NOT SCALE DRAWING                                                                  |                  | MAT'L                                                                                                                                                                                                                                                                                                                                            |                     | SCALE 1:1 CAD FILE: SHEET 1 OF 3 |                |

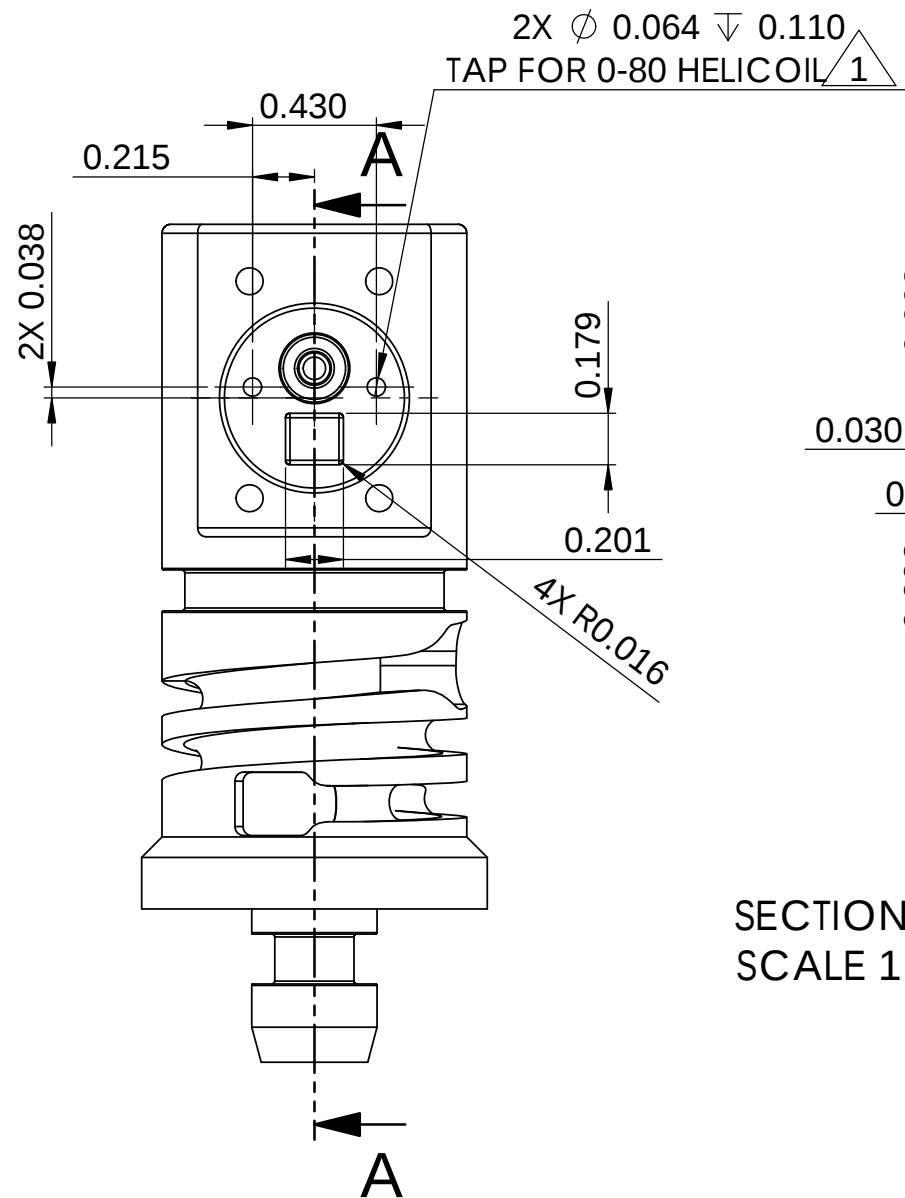
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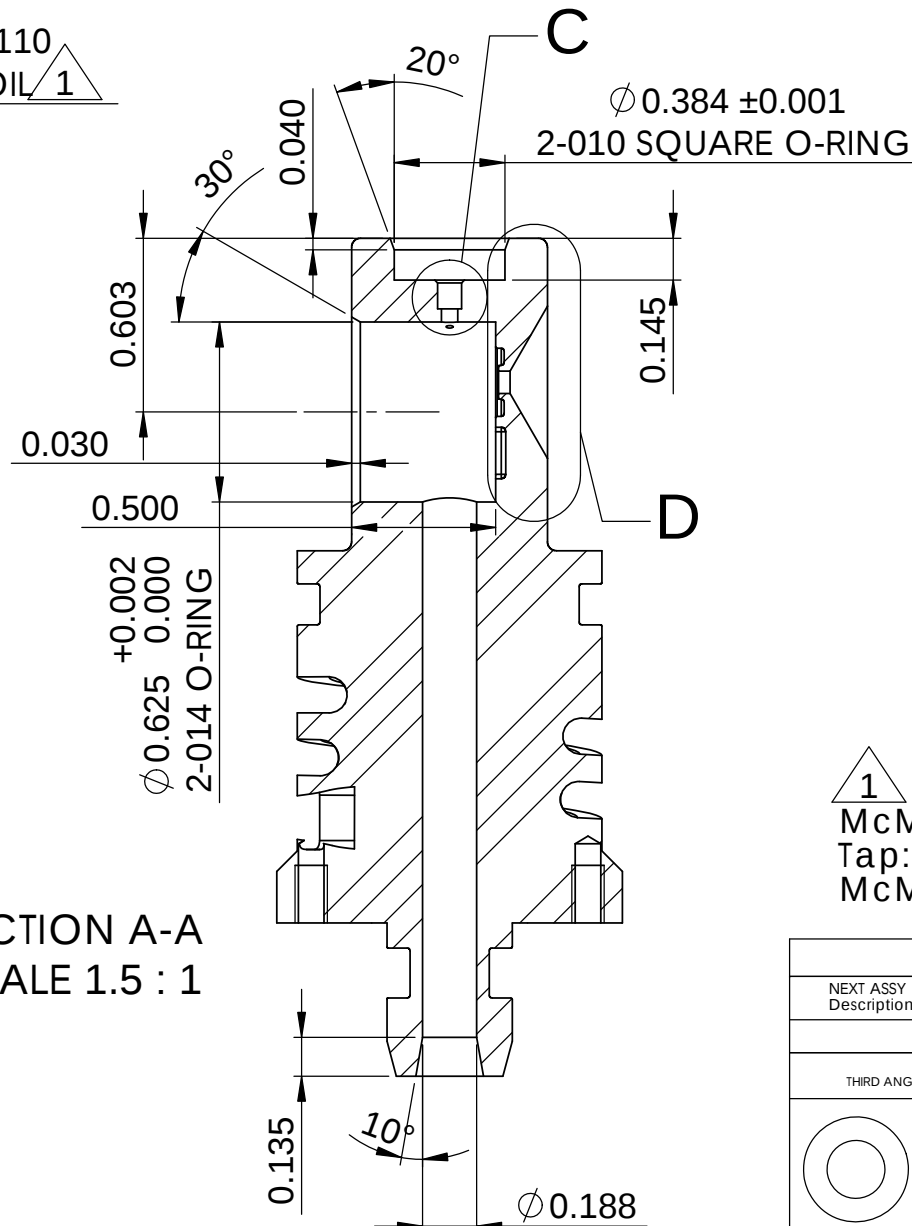
DETAIL C  
SCALE 5 : 1



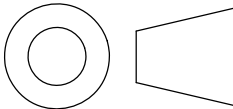
DETAIL D  
SCALE 5 : 1



SECTION A-A  
SCALE 1.5 : 1



1 Helicoil: Kato 2TNF-00C-0060  
McMaster P/N: 91990A501  
Tap: Kato CTF-00SRB-H2  
McMaster P/N: 91709A682

| BILL OF MATERIALS                                                                     |                     |                                                                                                                                                                                                                                                                                                                                                          |  |          |             |         |                                                                                                                                                              |  |              |        |
|---------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|-------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|--------|
| NEXT ASSY<br>Description                                                              | NEXT ASSY<br>Number | UNLESS OTHERWISE SPECIFIED<br>TOLERANCES ARE:                                                                                                                                                                                                                                                                                                            |  |          | APPROVALS   |         | <div>Monterey Bay Aquarium Research Institute</div> <div>MBARI</div> <div>7700 Sandholdt Rd.</div> <div>Moss Landing, CA 95039</div> <div>831 775-1922</div> |  |              |        |
|                                                                                       |                     |                                                                                                                                                                                                                                                                                                                                                          |  |          | DATE        |         |                                                                                                                                                              |  |              |        |
|                                                                                       |                     |                                                                                                                                                                                                                                                                                                                                                          |  |          | DRAWN       |         |                                                                                                                                                              |  |              |        |
|                                                                                       |                     |                                                                                                                                                                                                                                                                                                                                                          |  |          | Gene M.     |         |                                                                                                                                                              |  |              |        |
|                                                                                       |                     |                                                                                                                                                                                                                                                                                                                                                          |  | ENGINEER |             | Gene M. |                                                                                                                                                              |  |              |        |
|                                                                                       |                     |                                                                                                                                                                                                                                                                                                                                                          |  | CHECKED  |             |         |                                                                                                                                                              |  |              |        |
| THIRD ANGLE PROJECTION                                                                |                     | 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<br>CENTERLINE CONCENTRIC WITHIN .005<br>6. PERPENDICULARITY & PARALLELISM OF<br>MACHINED SURFACES .002 PER INCH.<br>MAX .012 INCHES FOR SINGLE SURFACE. |  |          | PROJECT NO. |         | 901206                                                                                                                                                       |  |              |        |
|                                                                                       |                     |                                                                                                                                                                                                                                                                                                                                                          |  |          | PROJECT     |         | Coastal Profiling Float                                                                                                                                      |  |              |        |
|                                                                                       |                     |                                                                                                                                                                                                                                                                                                                                                          |  |          |             |         |                                                                                                                                                              |  |              |        |
|                                                                                       |                     |                                                                                                                                                                                                                                                                                                                                                          |  |          |             |         |                                                                                                                                                              |  |              |        |
|  |                     | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                                     |  |          | MAT'L       |         | SIZE B                                                                                                                                                       |  | DWG. NO.     | REV. B |
|                                                                                       |                     |                                                                                                                                                                                                                                                                                                                                                          |  |          |             |         |                                                                                                                                                              |  |              |        |
|                                                                                       |                     |                                                                                                                                                                                                                                                                                                                                                          |  |          |             |         |                                                                                                                                                              |  |              |        |
|                                                                                       |                     |                                                                                                                                                                                                                                                                                                                                                          |  |          | SCALE 1:1   |         | CAD FILE:                                                                                                                                                    |  | SHEET 2 OF 3 |        |

