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

SPANNER HOLES  
Ø .344 $\nabla$ .350  
3.500 B.C.  
QTY 2, EQ SPC

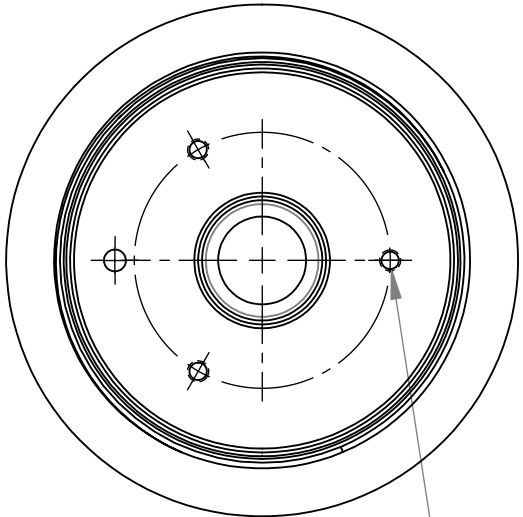
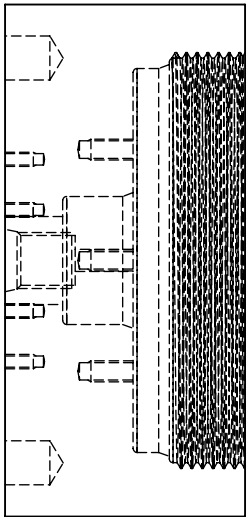
#4-40 TAP  $\nabla$ .22  
DRILL  $\nabla$ .30  
1.580 B.C.  
QTY 6, EQ SPC

Ø .688 $^{+.005}_{-.000}$   
Ⓢ .001 A

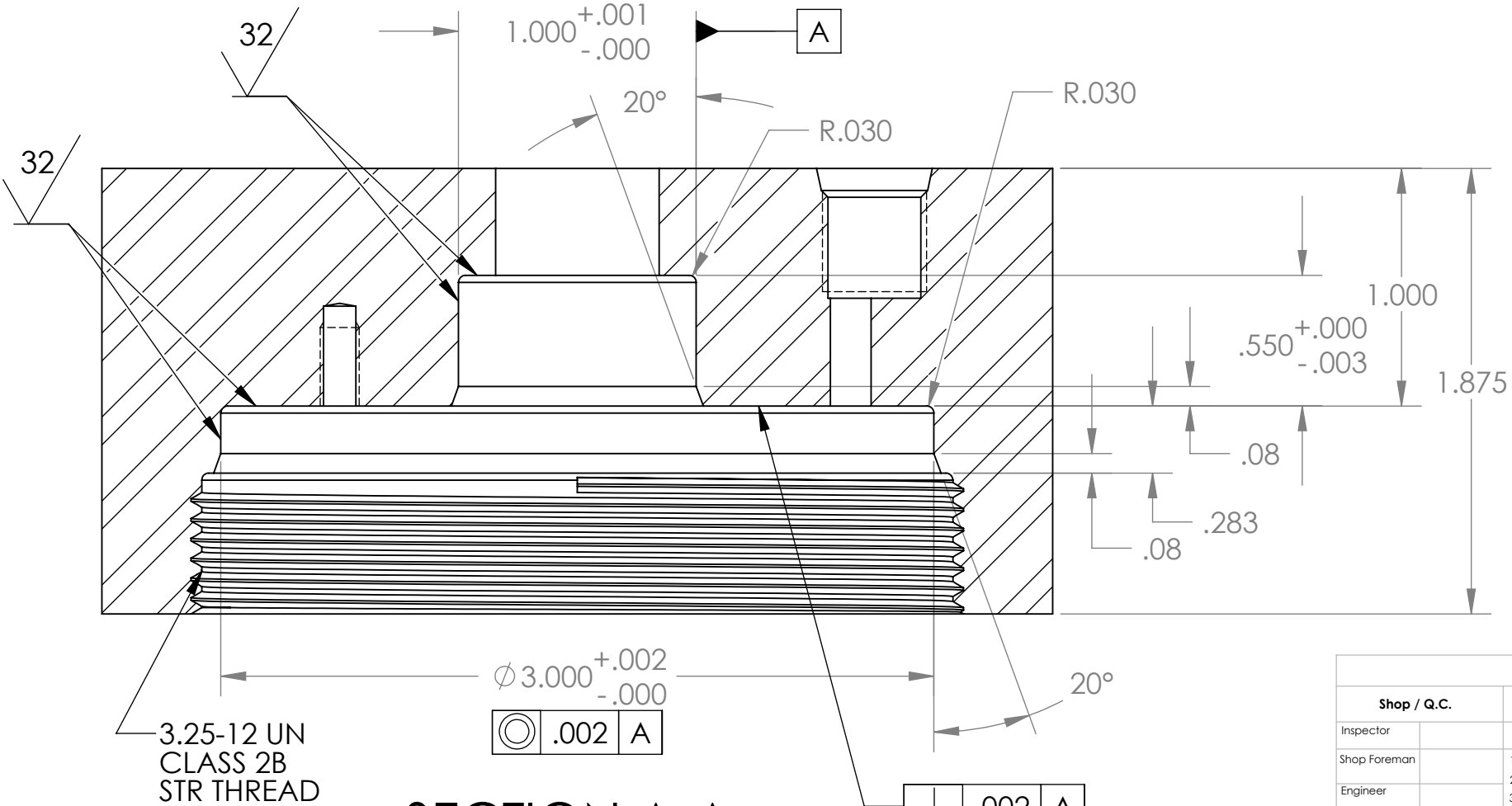
Ø 4.000

SAE #4 PORT WITH  
OFF CENTER  
Ø .177 THRU HOLE

1.150  
1.250



#8-32 TAPPED  
DRILL  $\nabla$ .42  
2.000 B.C.  
QTY 3, EQ SPC



- Notes:
- Material: 6Al4V Titanium
  - Design pressure is 5885 psi

BILL OF MATERIALS

| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                          |                           |                         | APPROVALS   | DATE     | Monterey Bay Aquarium Research Institute |                                                                             |                               |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------|-------------------------|-------------|----------|------------------------------------------|-----------------------------------------------------------------------------|-------------------------------|
| Inspector             |                  | 1 PLACE DIM<br>$\pm 1/16$                                                                                                                                                                                                                                                                                                                       | 2 PLACE DIM<br>$\pm .02$ | 3 PLACE DIM<br>$\pm .005$ | ANGLES<br>$\pm 1^\circ$ | DRAWN       | NAME     | 9/27/00                                  | MBARI<br>7700 Sandholdt RD.<br>Moss Landing, CA 95039<br>PH: (831) 775-1700 |                               |
| 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    | NAME     | 9/27/00                                  |                                                                             |                               |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                 |                          |                           |                         | CHECKED     |          |                                          |                                                                             |                               |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                 |                          |                           |                         | PROJECT NO. | XXX      |                                          | P-200582-08                                                                 |                               |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                          |                           |                         | PROJECT     | ZZZZZZZZ |                                          |                                                                             |                               |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                          |                           |                         | WEIGHT      |          |                                          | SIZE B                                                                      | DWG. NO. 100XXWDWG            |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                          |                           |                         |             |          |                                          | SCALE 1:1                                                                   | CAD FILE: MECH ENG ON TORNADO |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                          |                           |                         |             |          |                                          |                                                                             | SHEET 1 OF 1                  |