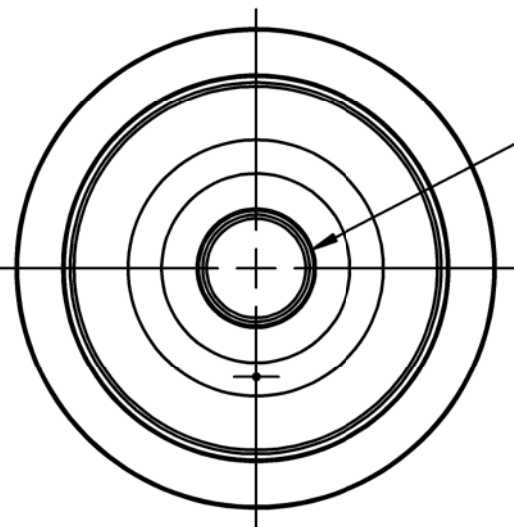


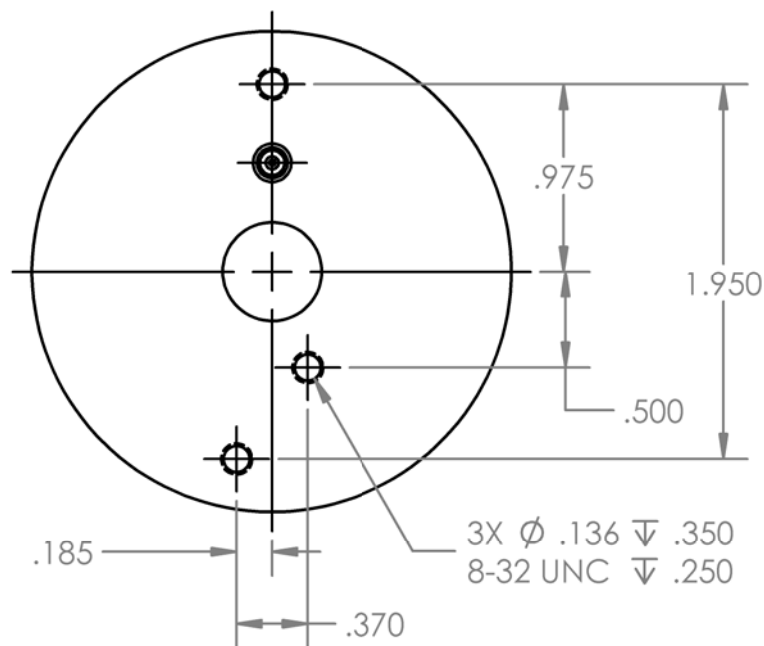
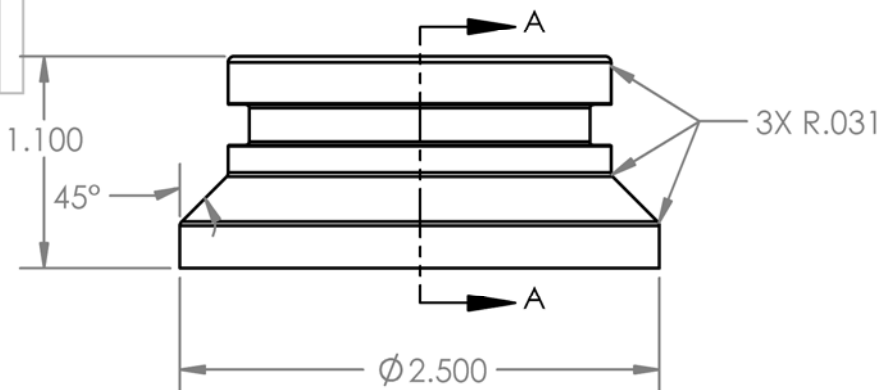
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| REVISIONS |                 |              |          |
|-----------|-----------------|--------------|----------|
| REV.      | DESCRIPTION     | DATE         | APPROVED |
| A         | INITIAL RELEASE | MMM DD, YYYY | Gene M   |

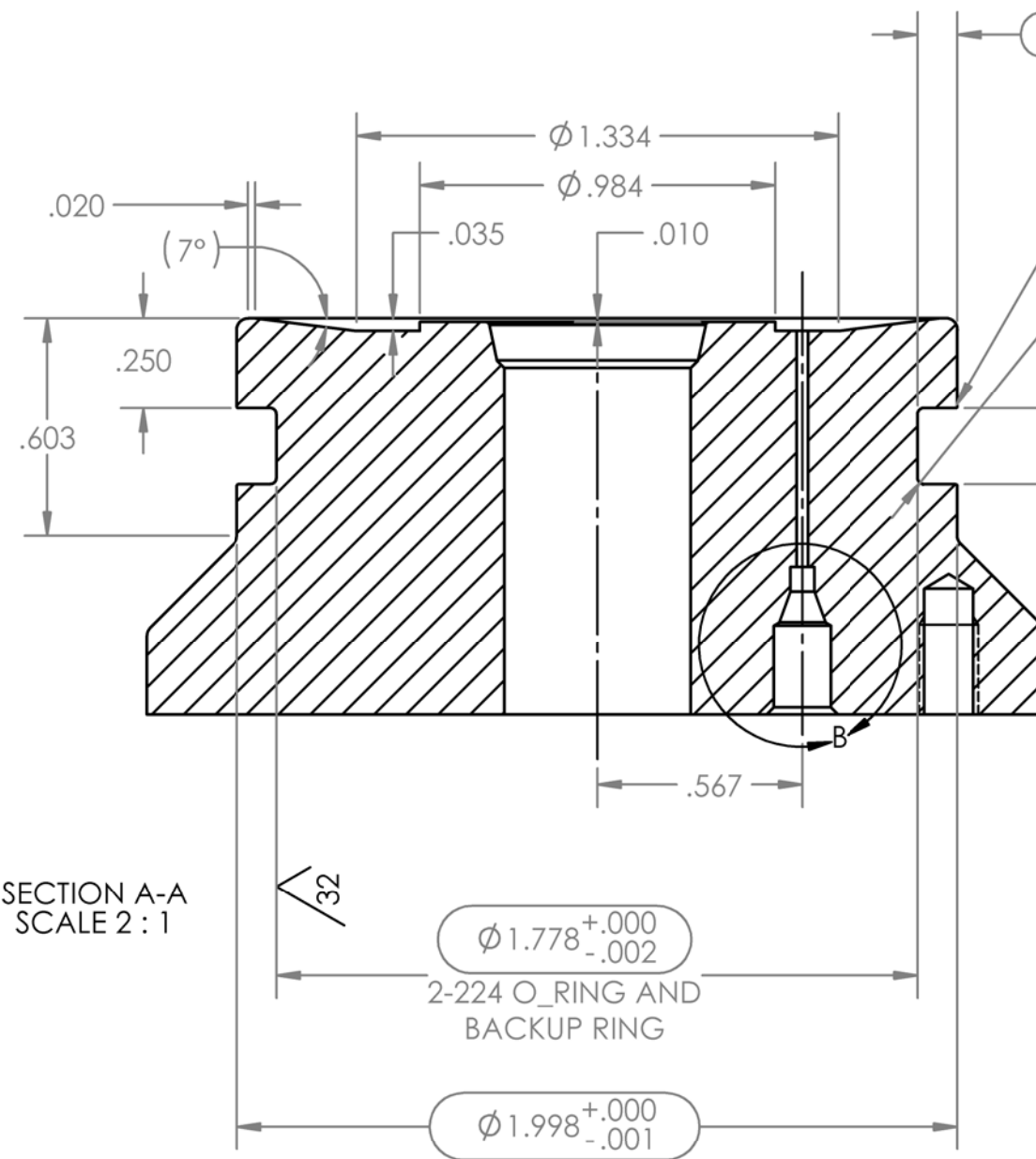
D  
C  
B  
A



SAE J1926/1-6 PORT  
9/16-18 UNF DRILL THRU  
Ø.969 ±0.000-0.010



SECTION A-A  
SCALE 2 : 1



2X BREAK  
APP. R.005

2X R.025  
Ø.010

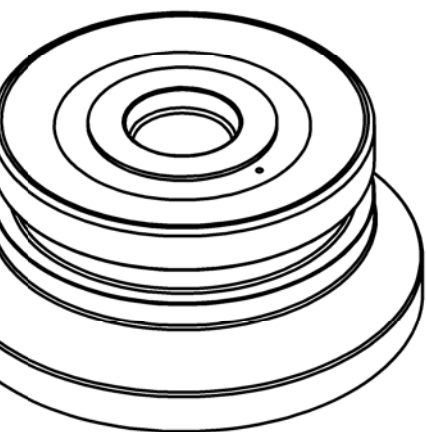
3/32  
GAGE BALL

.160±.002 TO  
TOP OF BALL

Ø.130  
Ø.126

Ø.004 A

DETAIL B  
SCALE 4 : 1



32/  
32/

Ø.213  
Ø.208

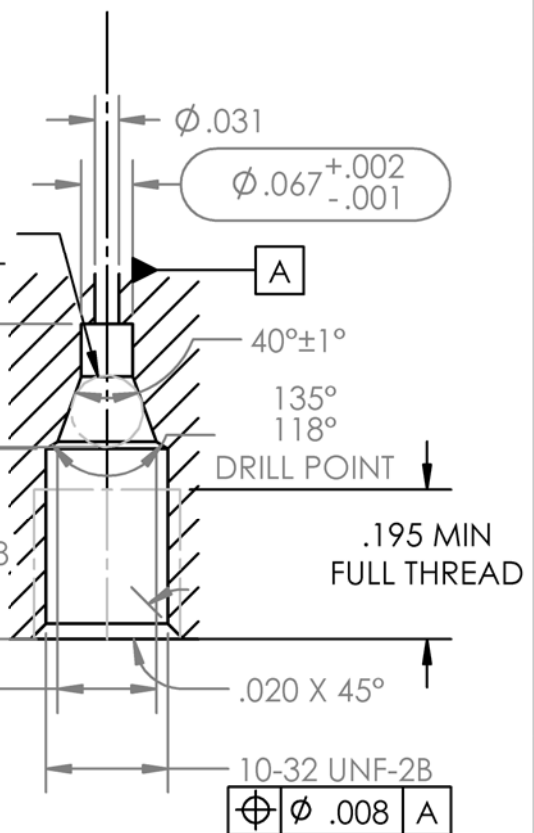
3/32  
GAGE BALL

.160±.002 TO  
TOP OF BALL

Ø.130  
Ø.126

Ø.004 A

DETAIL B  
SCALE 4 : 1



NOTES:  
Mat'l: Titanium, 6Al-4V with certs  
Unless otherwise specified:  
1. Concentricity of all diameters: 0.004 TIR  
2. Cut threads only, no forming taps allowed  
3. OK to use porting tool for 10-32 coned port

| 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                                                                                                                                                                                                          | Gene M.        |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                               | ENGINEER                                                                                                                                                                                                       | Gene M.        |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                               | CHECKED                                                                                                                                                                                                        |                |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                               | PROJECT NO.                                                                                                                                                                                                    | 901217         |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                               | PROJECT                                                                                                                                                                                                        | Chem Sensors   |
|  |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                               | MATL                                                                                                                                                                                                           |                |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                               | Monterey Bay Aquarium Research Institute<br>M B A R I<br><br>7700 Sandholdt Rd.<br>Moss Landing, CA 95039<br>831 775-1922 |                |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                               | END CAP, PT CHAMBER                                                                                                                                                                                            |                |
|                                                                                       |                  | SIZE<br>B                                                                                                                                                                                                                                                                                                                                       | DWG. NO.<br>1-20082015-901206 |                                                                                                                                                                                                                | REV.<br>A      |
|                                                                                       |                  | SCALE 1:2                                                                                                                                                                                                                                                                                                                                       | CAD FILE:                     |                                                                                                                                                                                                                | SHEET 1 OF 1   |