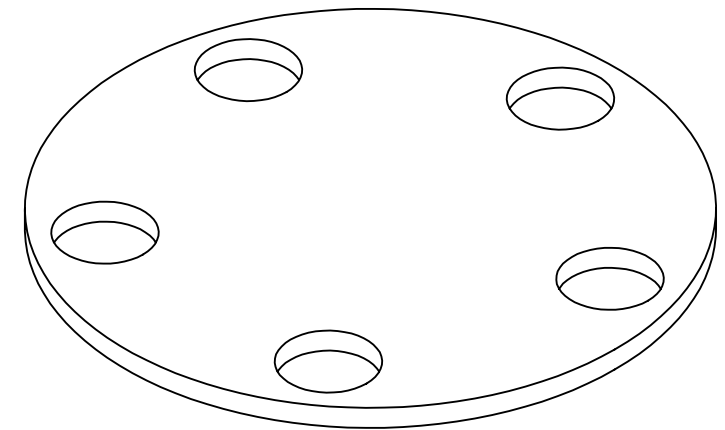
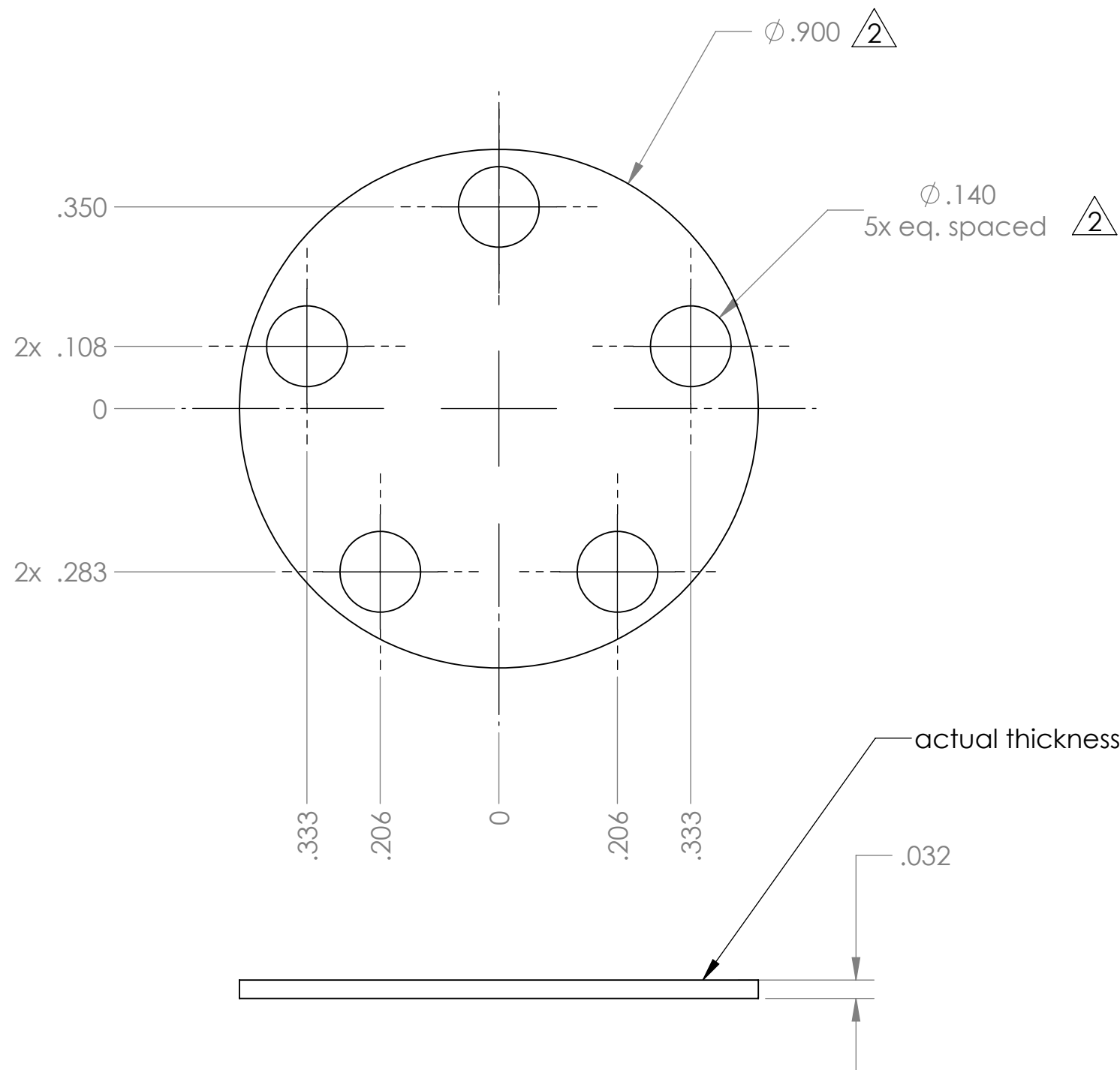
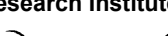


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Material: Ultra-Strength Viton® Fluoroelastomer Rubber Plain-Back,  
1/32" Thick, 12" X 12", 75A Durometer  
Part Number (McMaster): 8625K21

Rev0(11/05/2012): initial release  
Rev1(04/01/2013): OD reduced to 0.920, holes to 0.136, thickness to 0.032  
Rev2(11/20/2013): OD reduced to 0.0900, holes inc. to 0.140

|                       |                                                                                                                    |                                               |                       |               |                                               |                                                      |                                                                                                                                                            |  |  |                                                                                       |              |  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------|---------------|-----------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|---------------------------------------------------------------------------------------|--------------|--|
| Shop / Q.C.           |                                                                                                                    | UNLESS OTHERWISE SPECIFIED<br>TOLERANCES ARE: |                       |               | CONCEPT DESIGN DATE<br>Larry Bird 11/2012     |                                                      | <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>PH: (831) 775-1700</b> |  |  |  |              |  |
| Inspector             | 1 PLACE DIM<br>±1/16                                                                                               | 2 PLACE DIM<br>±.005                          | 3 PLACE DIM<br>±.0005 | ANGLES<br>±1° | INITIAL RELEASE DATE<br>Larry Bird 11/05/2012 |                                                      |                                                                                                                                                            |  |  |                                                                                       |              |  |
| Shop Foreman          | 1. DIMENSIONS ARE IN INCHES<br>2. DIMENSION LIMITS H/2 AFTER PLATING.<br>3. REMOVE BURRS AND SHARP EDGES .015 MAX. |                                               |                       |               | LAST REVISION DATE<br>Klimov 11/20/2013       |                                                      |                                                                                                                                                            |  |  |                                                                                       |              |  |
| Engineer              | 4. MACHINED FILLET RADII .0150-.030.<br>5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005        |                                               |                       |               | CHECKED DATE<br>xx xx/xx/xxxx                 | DRAWING NAME and FILE NAME<br>10020895-017_Diaphragm |                                                                                                                                                            |  |  |                                                                                       |              |  |
| NEXT ASSY Description | 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH.<br>MAX .012 INCHES FOR SINGLE SURFACE.       |                                               |                       |               | PROJECT NO.<br>901006                         | SIZE<br>B                                            | DWG. NO.<br>10020895-017                                                                                                                                   |  |  | REV.<br>2                                                                             |              |  |
| Application           | DO NOT SCALE DRAWING                                                                                               |                                               |                       |               | PROJECT NAME<br>BEDS                          | SCALE<br>4:1                                         |                                                                                                                                                            |  |  |                                                                                       | SHEET 1 OF 1 |  |