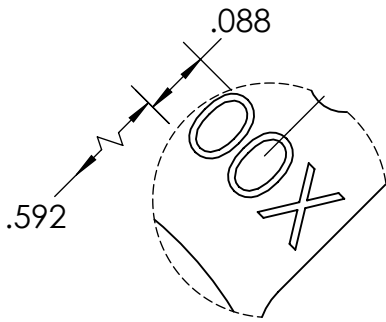
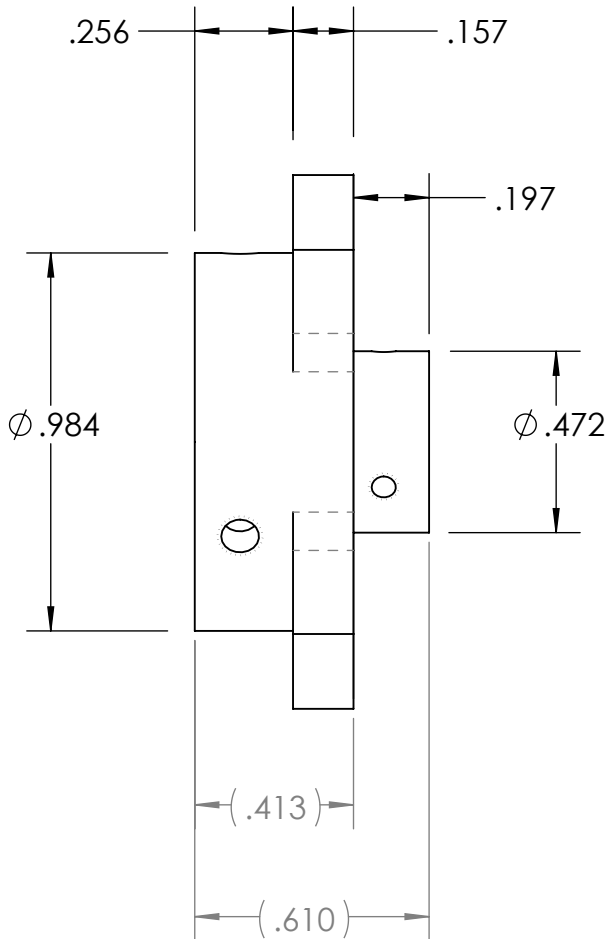
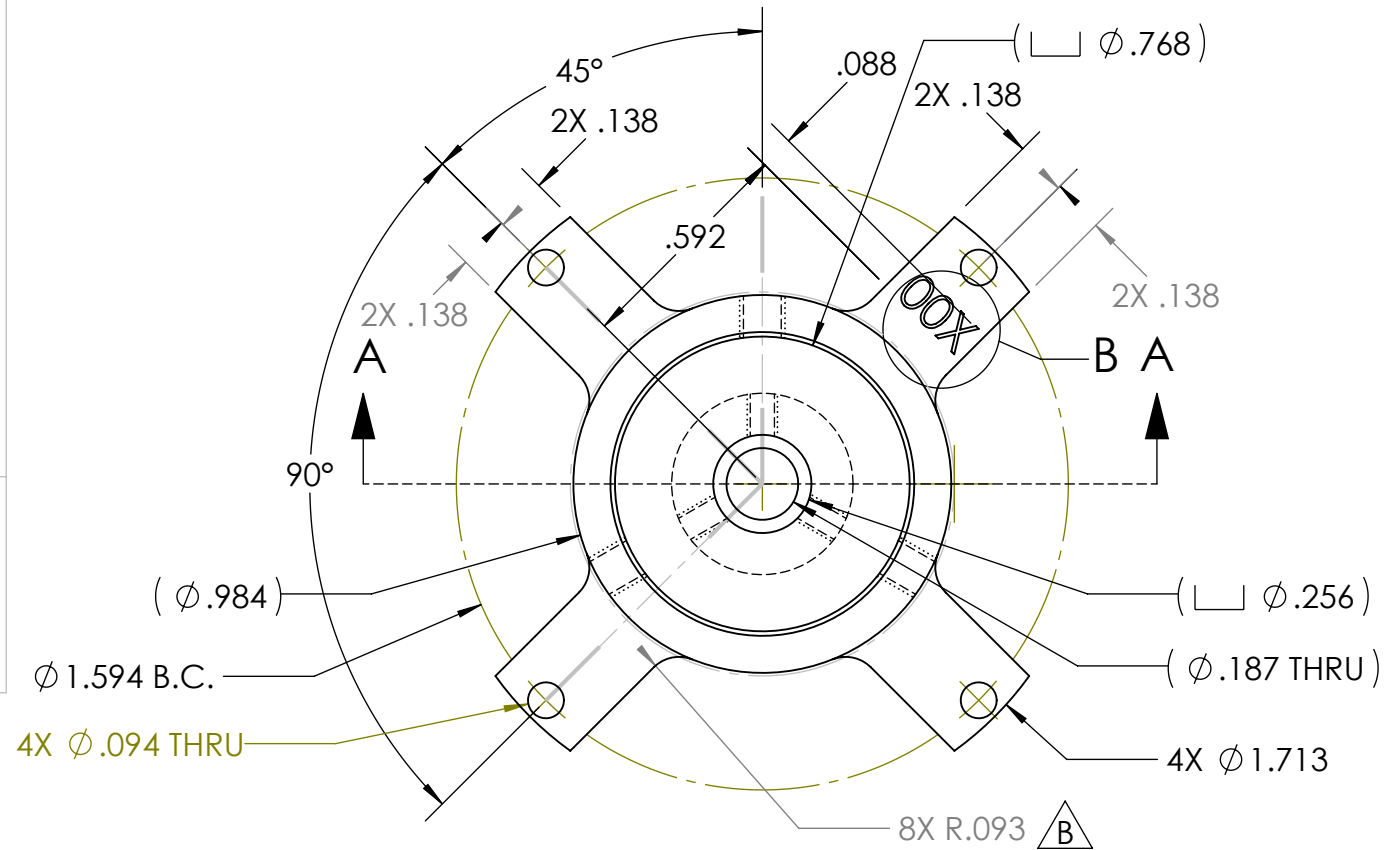
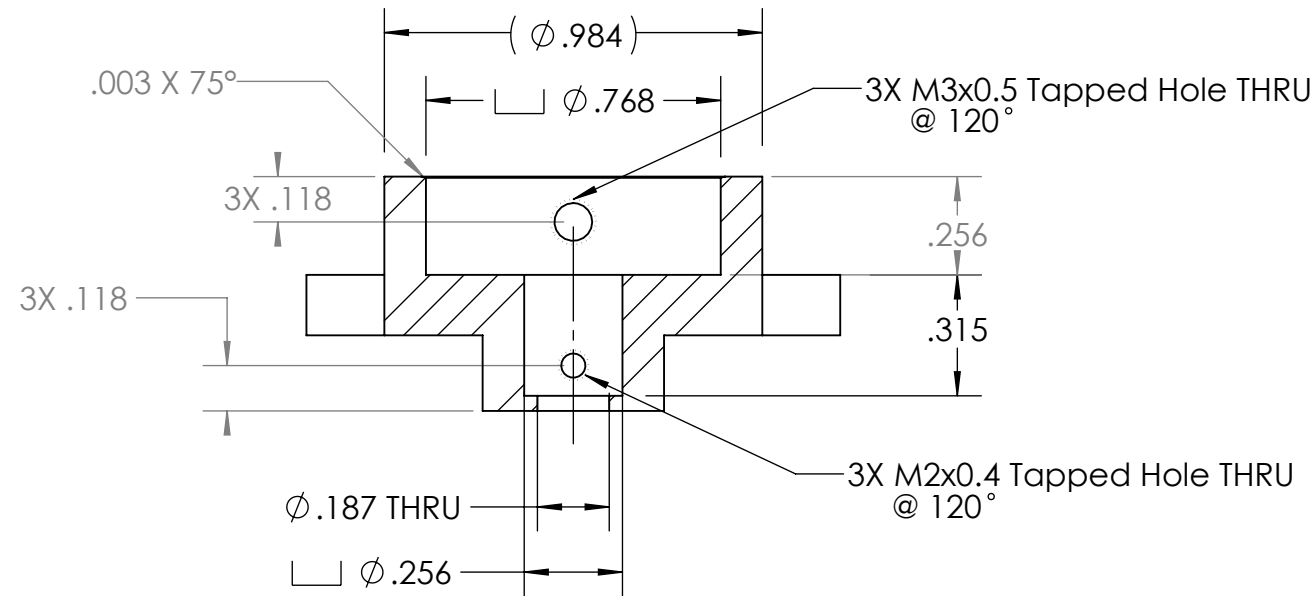


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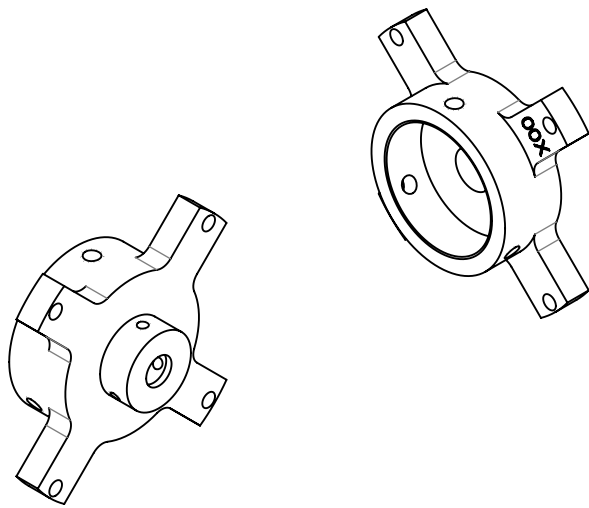
| REVISIONS       |      |                                                      |           |           |          |
|-----------------|------|------------------------------------------------------|-----------|-----------|----------|
| INITIAL RELEASE |      |                                                      | REVISIONS | X/XX/01   | J.E.     |
| ZONE            | REV. | DESCRIPTION                                          |           | DATE      | APPROVED |
| B1              | A    | ADD SERIAL NO.                                       |           | 3/12/2020 | J.E.     |
| B1, B3          | B    | CHG RAD. frm .079 to .093<br>CHG SERIAL No. POSITION |           | 9/3/2020  | J.E.     |



DETAIL B  
SCALE 4 : 1  
8. Serial No.



SECTION A-A



|          |      |             |                               |        |          |
|----------|------|-------------|-------------------------------|--------|----------|
| 1        | 1    | P-201965-18 | Powell Lens Adaptor - Shafter | MBARI  | PEEK     |
| ITEM NO. | QTY. | Part_Number | DESCRIPTION                   | Vendor | MATERIAL |

| Shop / Q.C.           |  |                  |                                                                                                                                                                                                                                                                                                                                               |                     | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: |                                                         | APPROVALS   |             | DATE    |           | <div>Monterey Bay Aquarium Research Institute</div> <div>MBARI</div> <div>7700 Sandholdt RD.</div> <div>Moss Landing, CA 95039</div> <div>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       | J. ERICKSON | 2/15/18 |           |                                                                                                                                                                                                                                                                     |                               |  |              |  |
| 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 RADI .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    | J. ERICKSON | 2/15/18 |           |                                                                                                                                                                                                                                                                     |                               |  |              |  |
| Engineer              |  |                  |                                                                                                                                                                                                                                                                                                                                               |                     |                                            |                                                         | CHECKED     |             |         |           |                                                                                                                                                                                                                                                                     |                               |  |              |  |
| NEXT ASSY Description |  | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                               |                     |                                            |                                                         | PROJECT NO. |             | 901506  |           |                                                                                                                                                                                                                                                                     |                               |  |              |  |
|                       |  |                  | PROJECT                                                                                                                                                                                                                                                                                                                                       |                     | Deep PIV                                   | REMOTE LASER HEAD R.A.<br>Powell Lens Adaptor - Shafter |             |             |         |           |                                                                                                                                                                                                                                                                     |                               |  |              |  |
| A-201785-16           |  |                  |                                                                                                                                                                                                                                                                                                                                               |                     |                                            |                                                         |             |             |         |           |                                                                                                                                                                                                                                                                     |                               |  |              |  |
| Application           |  |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                          |                     |                                            | WEIGHT                                                  |             | 0.014       |         | SIZE B    |                                                                                                                                                                                                                                                                     | DWG. NO. P-201965-18.DWG      |  | REV. B       |  |
|                       |  |                  |                                                                                                                                                                                                                                                                                                                                               |                     |                                            |                                                         |             |             |         | SCALE 2:1 |                                                                                                                                                                                                                                                                     | CAD FILE: MECH ENG ON TORNADO |  | SHEET 1 OF 1 |  |

8. Sequential Serial No.'s: 001 - 00x

7. PROJECT LIBRARY:\901506 DeepPIV\ME Drawings\Remote Head\_V7

NOTES: (CONT. FROM TITLE BLOCK)