

NOTES: UNLESS OTHERWISE SPECIFIED

- DIMENSIONS AND TOLERANCES ARE IN INCHES PER ASME Y14.5-2009.
- MATERIAL: SEE TABLE BELOW
- FINISH: ANODIZE PER MIL-A-8625, TYPE III, CLASS 2, BLACK. NICKEL ACETATE SEAL.
- REMOVE BURRS AND BREAK ALL SHARP EDGES .015 INCH MIN.
- DRAWINGS NOT TO SCALE.
- ANODIZE RACKING LOCATION.
- DIMENSION IS CRITICAL FOR PROPER ASSEMBLY.
- DIMESNIONS TO SHARP EDGES.
- MARK WITH PART NUMBER AND CURRENT REVISION LETTER IN PERMANENT WHITE INK IN APPROXIMATE LOCATION SHOWN.
- REFER TO SOLID MODEL TO VERIFY ASSEMBLY AND/OR PART GEOMETRY.

| REVISION HISTORY |       |     |                                                                                                                                                                                                 |        |          |
|------------------|-------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| ZONE             | ECO#  | REV | DESCRIPTION                                                                                                                                                                                     | DATE   | APPROVED |
|                  | 52473 | A   | PRODUCTION RELEASE                                                                                                                                                                              |        |          |
|                  | 53050 | B   | CHANGE THE DOWEL PIN MATERIAL TO 316 SST FROM ACETAL<br>ADD MASK NOTE TO 4X 4-40 HOLES                                                                                                          | 201003 | C.BUBELA |
|                  | 55121 | C   | - ADD PART MARK.<br>- ADD FLAT TO CREATE MEASUREMENT REFERENCE SURFACE.<br>- ADD $\triangle$ CRITICAL DIMENSION CALLOUT.<br>- OPEN CONN. BLOCK NOTCH FOR WASHER CLEARANCE AND REMOVE LIMIT DIM. | 200511 | C.BUBELA |

D

D

C

C

B

B

A

A

THESE COMMODITIES, TECHNICAL AND/OR SOFTWARE ARE SUBJECT TO U.S. EXPORT CONTROL LAWS. EXPORT, RE-EXPORT OR DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.

#### PROPRIETARY INFORMATION

THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO TELEDYNE RD INSTRUMENTS, AND SHALL NOT BE DISCLOSED, DUPLICATED OR USED AS A BASIS FOR DESIGN, MANUFACTURE, OR SALE OF APPARATUS WITHOUT EXPRESS WRITTEN PERMISSION OF TELEDYNE RD INSTRUMENTS.

| MATERIAL TABLE |                                            |
|----------------|--------------------------------------------|
| PART NUMBER    | DESCRIPTION                                |
| 71B-4316-00    | ASSY, HOUSING, UPPER , 6061-AL, 4K, TASMAN |
| 71B-4316-01    | ASSY, HOUSING, UPPER , 7075-AL, 6K, TASMAN |

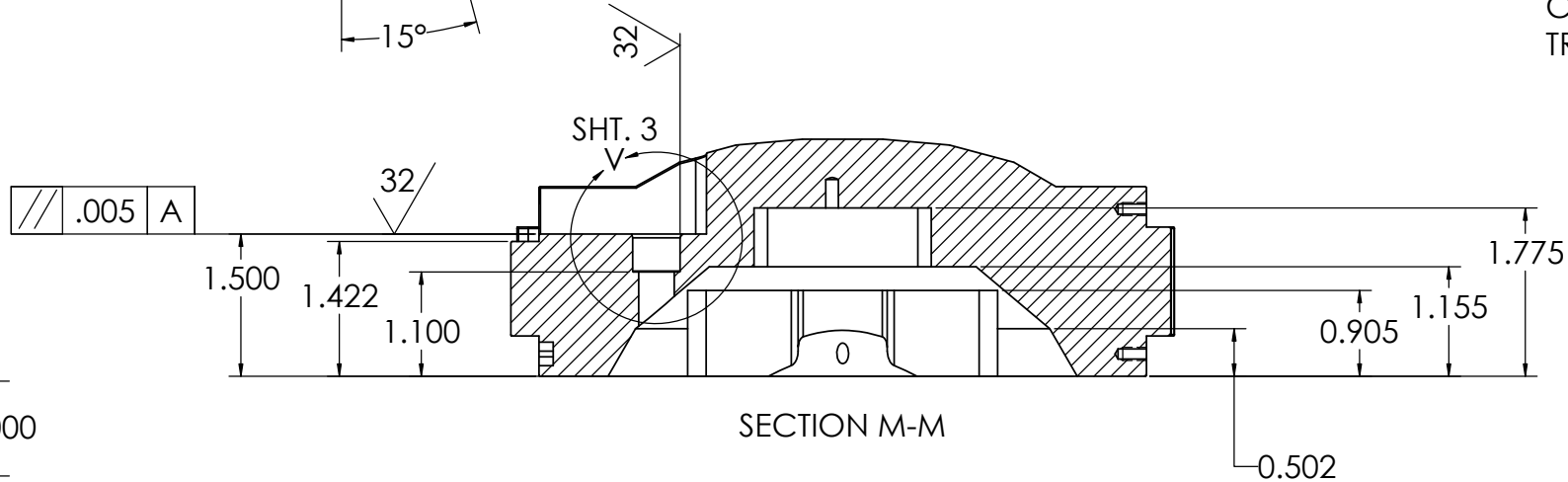
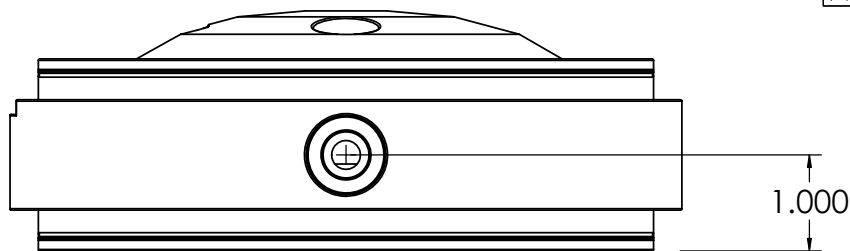
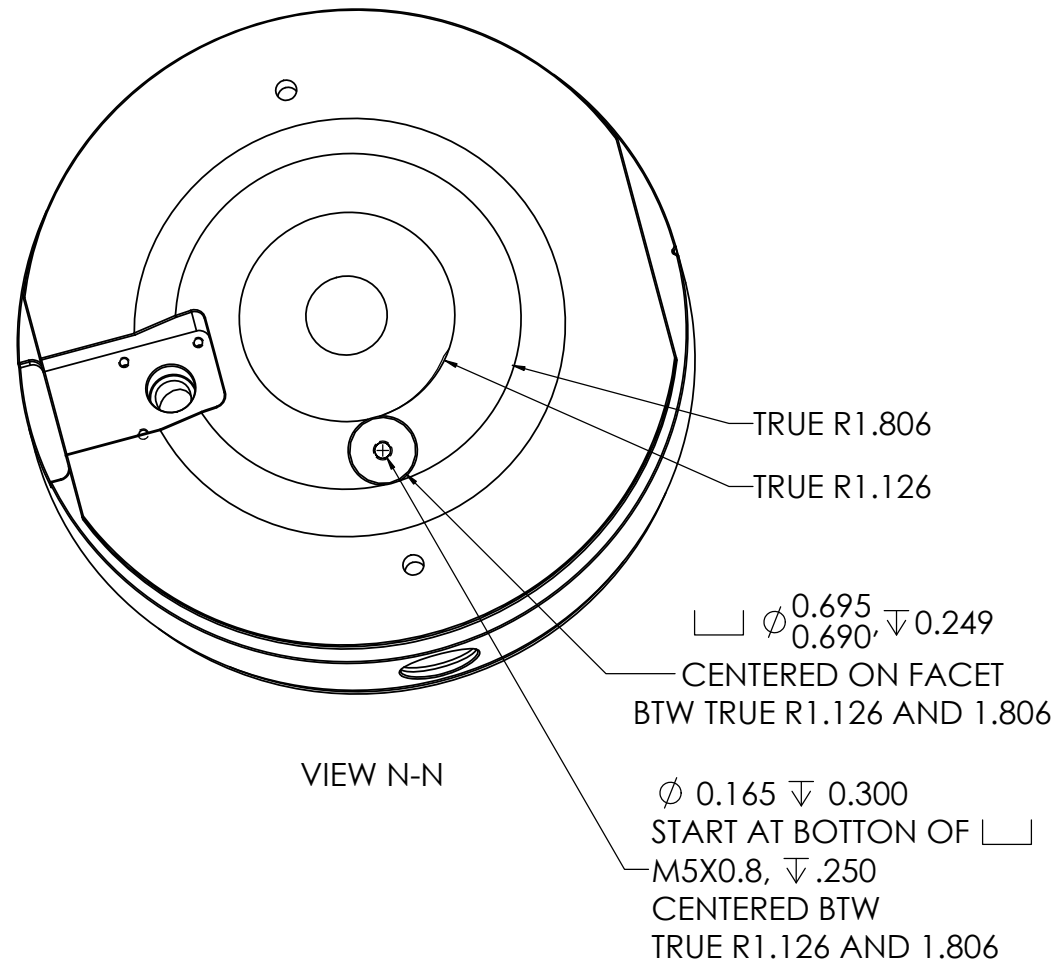
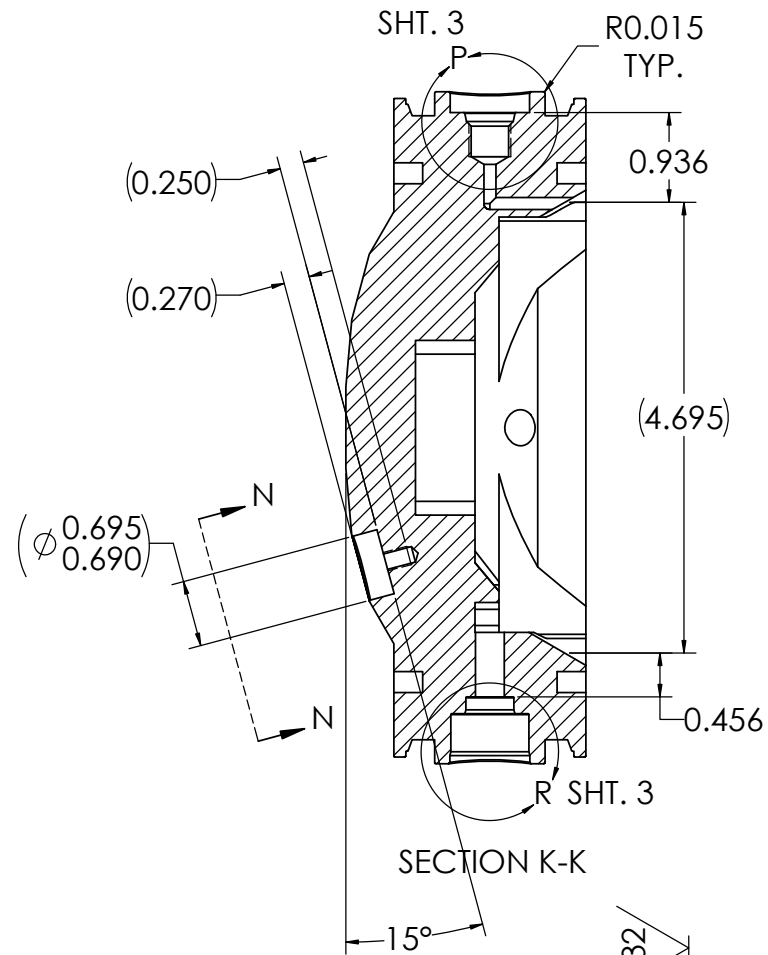
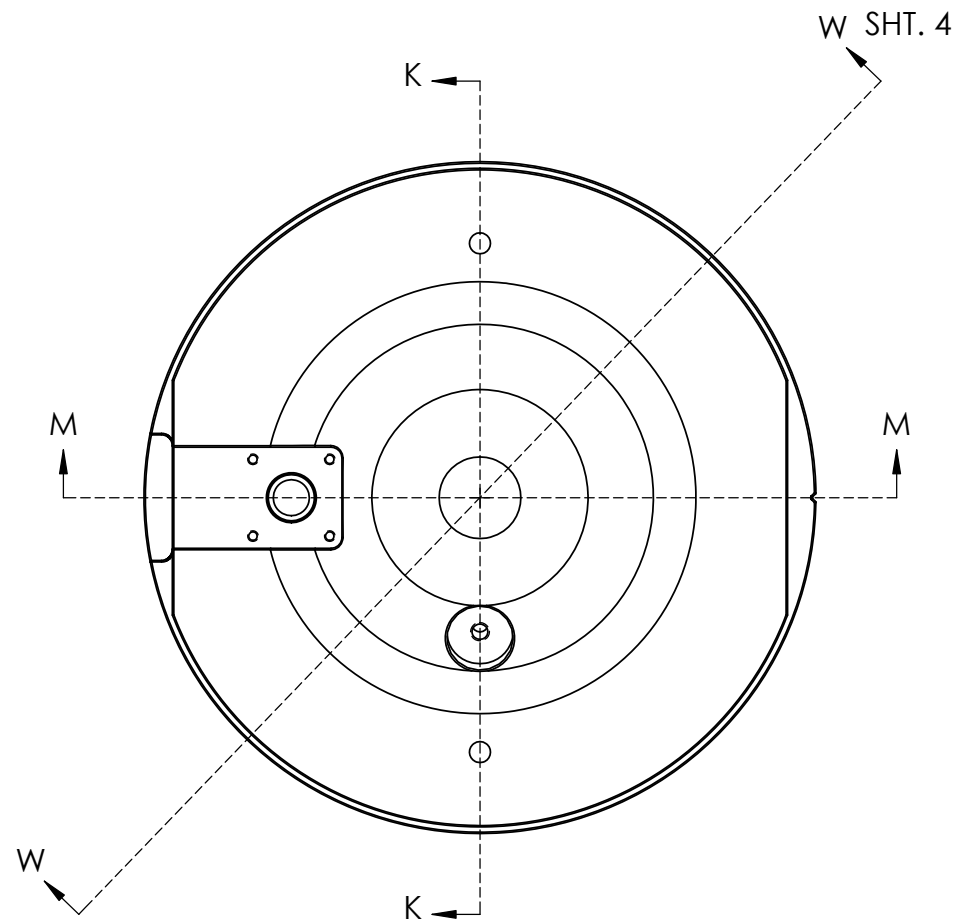
| THIRD ANGLE PROJECTION |         |
|------------------------|---------|
|                        |         |
| TBD                    | TASMAN  |
| NEXT ASSY              | USED ON |
| APPLICATION            |         |

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES.  
TOLERANCES:  
DECIMALS .XX  $\pm$ .01  
.XXX  $\pm$ .005  
ANGLES  $\pm$ 0.5°  
DRILLED HOLES:  
 $\phi$ 0-  $\phi$ .500  $^{+0.005}_{-0.002}$   
 $\phi$ .501-  $\phi$ 1.000  $^{+0.007}_{-0.004}$

| APPROVALS  |            |      |        |
|------------|------------|------|--------|
| DRAWN:     | E. SCHIEVE | DATE | 190212 |
| ENGR/DSGN: | E. SCHIEVE | DATE | 190212 |
| CHECKED:   | C.ROJAS    | DATE | 191014 |
| APPROVED:  | S.APSEY    | DATE | 191010 |
| RELEASED:  | C.BUBELA   | DATE | 191024 |

|                                                                                       |              |                                          |  |                                             |          |
|---------------------------------------------------------------------------------------|--------------|------------------------------------------|--|---------------------------------------------|----------|
|  |              | <b>TELEDYNE</b><br><b>RD Instruments</b> |  | 14020 STOWE DRIVE<br>POWAY CALIFORNIA 92064 |          |
| TITLE: <b>ASSY, HOUSING, UPPER<br/>TASMAN</b>                                         |              |                                          |  |                                             |          |
| SIZE                                                                                  | CAGE CODE    | DWG NO.                                  |  |                                             | REV      |
| <b>D</b>                                                                              | <b>9W050</b> | <b>81B-4314</b>                          |  |                                             | <b>C</b> |
| SCALE 1/1                                                                             |              | SHEET 1 OF 5                             |  |                                             |          |

| REVISION HISTORY |      |     |               |      |          |
|------------------|------|-----|---------------|------|----------|
| ZONE             | ECO# | REV | DESCRIPTION   | DATE | APPROVED |
|                  |      |     | SEE SHEET ONE |      |          |



**PROPRIETARY INFORMATION**  
THIS DOCUMENT CONTAINS INFORMATION  
PROPRIETARY TO TELEDYNE RD INSTRUMENTS,  
AND SHALL NOT BE DISCLOSED, DUPLICATED  
OR USED AS A BASIS FOR DESIGN,  
MANUFACTURE, OR SALE OF APPARATUS  
WITHOUT EXPRESS WRITTEN PERMISSION  
OF TELEDYNE RD INSTRUMENTS.

|                                               |                           |                            |                 |
|-----------------------------------------------|---------------------------|----------------------------|-----------------|
| TITLE: <b>ASSY, HOUSING, UPPER<br/>TASMAN</b> |                           |                            |                 |
| SIZE<br><b>D</b>                              | CAGE CODE<br><b>9W050</b> | DWG NO.<br><b>81B-4314</b> | REV<br><b>C</b> |
| SCALE<br>1:1                                  | SHEET 2 OF 5              |                            |                 |



D

C

B

A

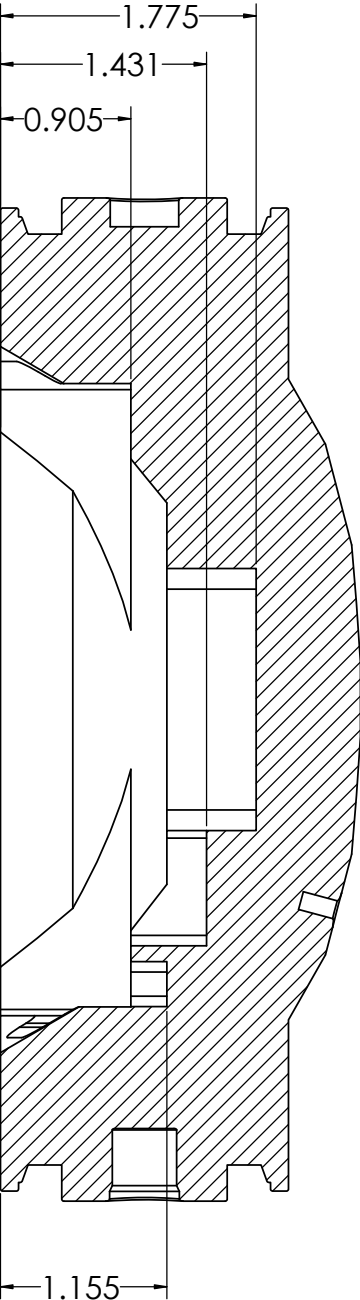
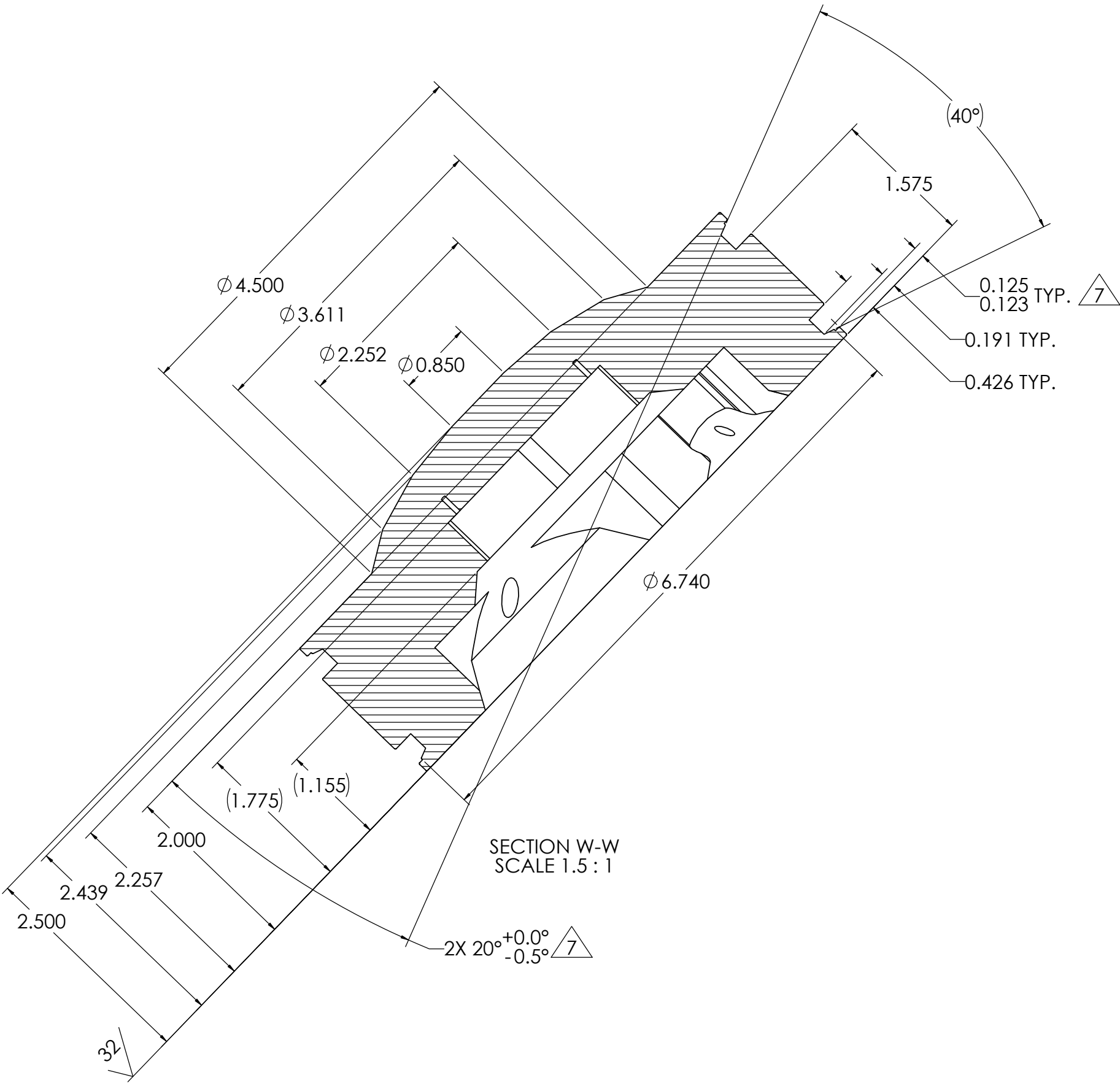
D

C

B

A

| REVISION HISTORY |      |     |               |  |      |
|------------------|------|-----|---------------|--|------|
| ZONE             | ECO# | REV | DESCRIPTION   |  | DATE |
|                  |      |     | SEE SHEET ONE |  |      |



**PROPRIETARY INFORMATION**  
THIS DOCUMENT CONTAINS INFORMATION  
PROPRIETARY TO TELEDYNE RD INSTRUMENTS,  
AND SHALL NOT BE DISCLOSED, DUPLICATED  
OR USED AS A BASIS FOR DESIGN,  
MANUFACTURE, OR SALE OF APPARATUS  
WITHOUT EXPRESS WRITTEN PERMISSION  
OF TELEDYNE RD INSTRUMENTS.

|        |          |                                |        |
|--------|----------|--------------------------------|--------|
| TITLE: |          | ASSY, HOUSING, UPPER<br>TASMAN |        |
| SIZE   | DWG NO.  | REV                            |        |
| D      | 81B-4314 | C                              |        |
| SCALE  | 1:1      | SHEET                          | 4 OF 5 |

8

7

6

5

4

3

2

1

1

| REVISION HISTORY |      |     |               |      |          |
|------------------|------|-----|---------------|------|----------|
| ZONE             | ECO# | REV | DESCRIPTION   | DATE | APPROVED |
|                  |      |     | SEE SHEET ONE |      |          |

D

D

C

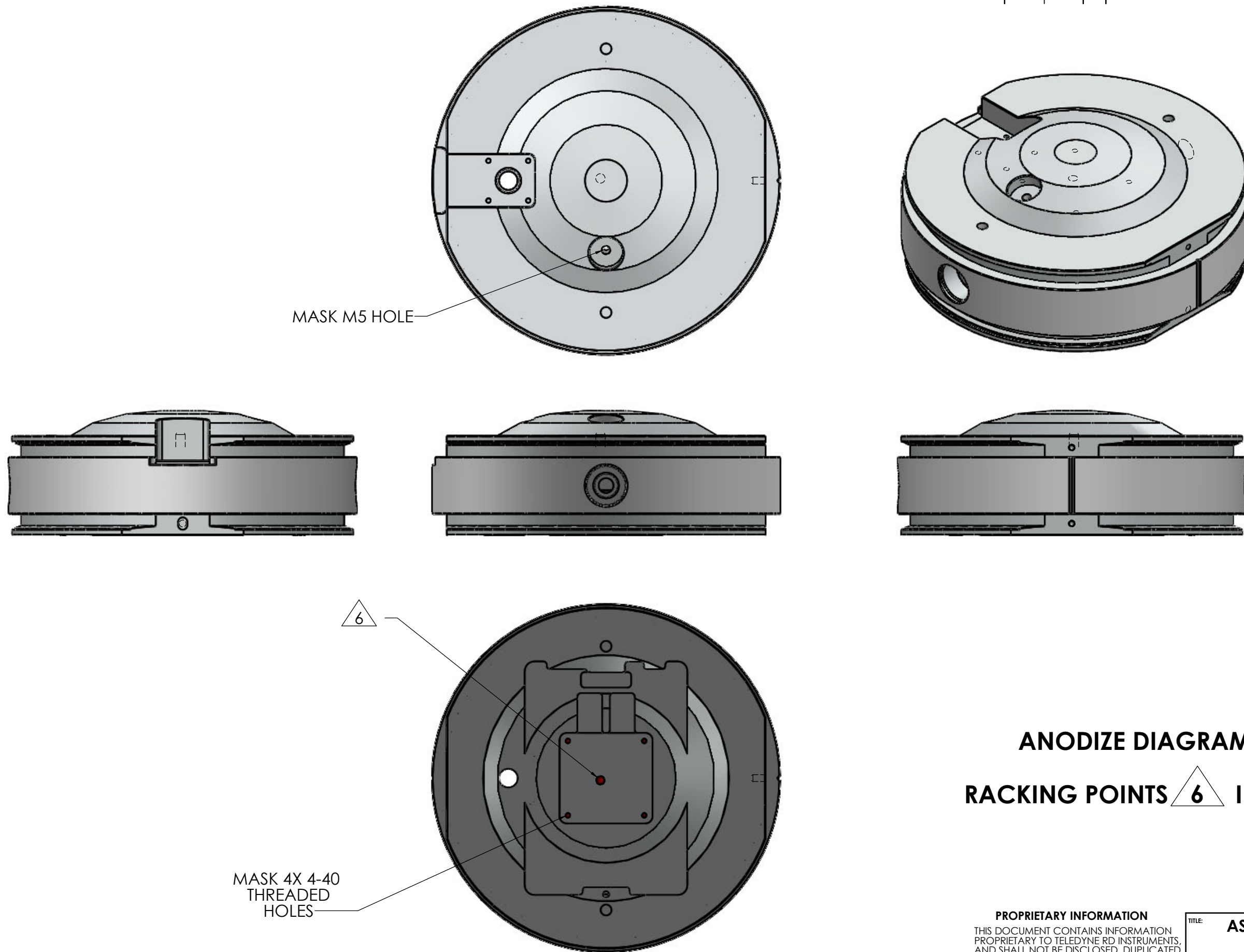
C

B

B

A

A

**ANODIZE DIAGRAM****RACKING POINTS  IN RED****PROPRIETARY INFORMATION**

THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO TELEDYNE RD INSTRUMENTS, AND SHALL NOT BE DISCLOSED, DUPLICATED OR USED AS A BASIS FOR DESIGN, MANUFACTURE, OR SALE OF APPARATUS WITHOUT EXPRESS WRITTEN PERMISSION OF TELEDYNE RD INSTRUMENTS.

|        |     |                             |          |
|--------|-----|-----------------------------|----------|
| TITLE: |     | ASSY, HOUSING, UPPER TASMAN |          |
| SIZE   | D   | DWG NO.                     | 81B-4314 |
| SCALE  | 1:1 | REV                         | C        |
| SHEET  |     | 5                           | OF 5     |