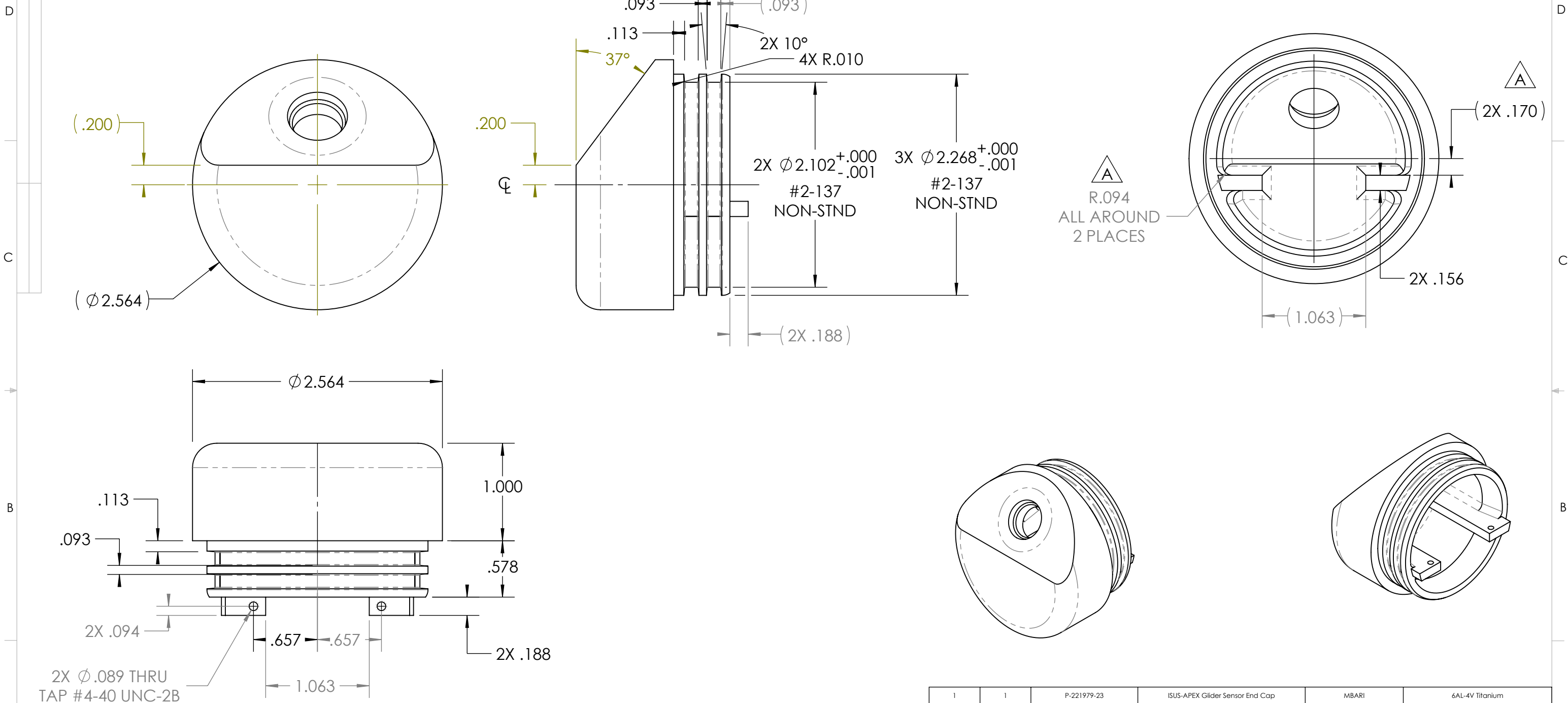


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REVISIONS				
INITIAL RELEASE			X/XX/01	J.E.
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
B1, B2	A	CHG DIM frm .148 to .170 CHG RAD to .093	10/30/2023	J.E.



8. SWD = 2000m

7. PROJECT LIBRARY:\ChemSensors\JonE\ISUS-APEX_2000m\Glider-Version

NOTES: (CONT. FROM TITLE BLOCK)

1	1	P-221979-23	ISUS-APEX Glider Sensor End Cap		MBARI	6AL-4V Titanium	
ITEM NO.	QTY.	Part Number	DESCRIPTION		Vendor	MATERIAL	

BILL OF MATERIALS							
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS DATE		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN J. ERICKSON 7/24/20	
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER J. ERICKSON 7/24/20	
Engineer						CHECKED	
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 901217	
	A-221483-20					PROJECT CHEM S.	
Application		DO NOT SCALE DRAWING				WEIGHT 0.548	

Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700				
ISUS-APEX_2000m ISUS-APEX Glider Sensor End Cap				
SIZE B	DWG. NO.	P-221979-23.DWG		
SCALE 1:1		CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 2	REV. A

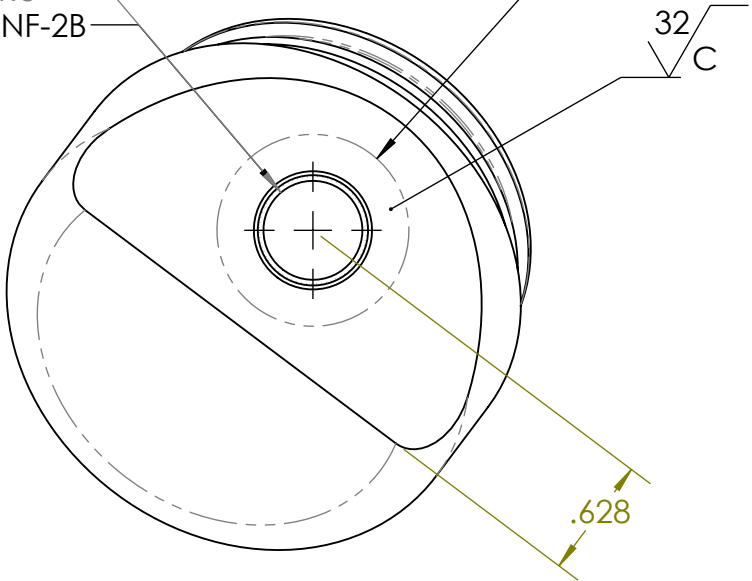
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

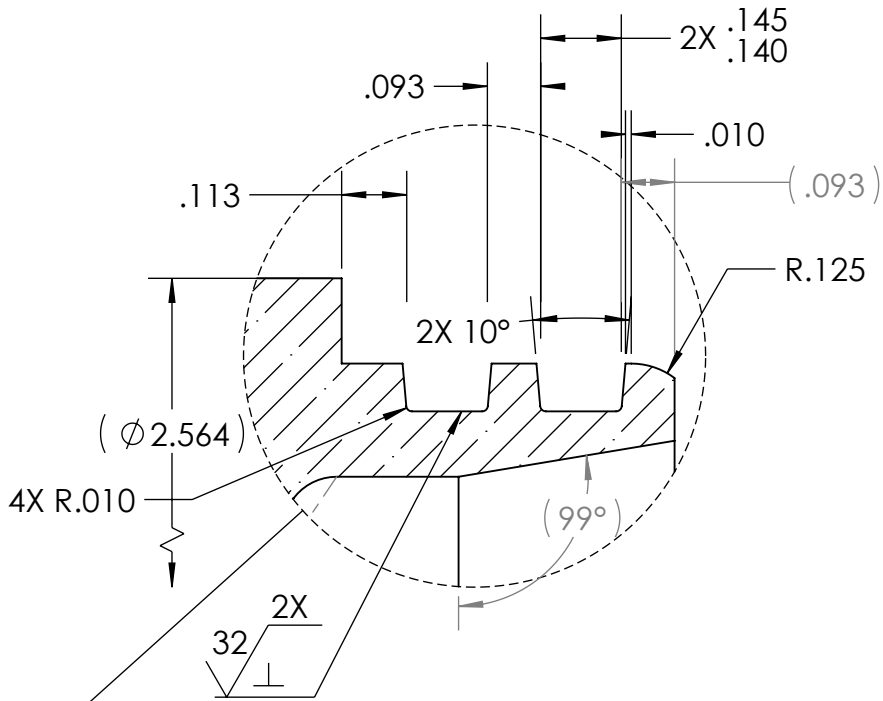
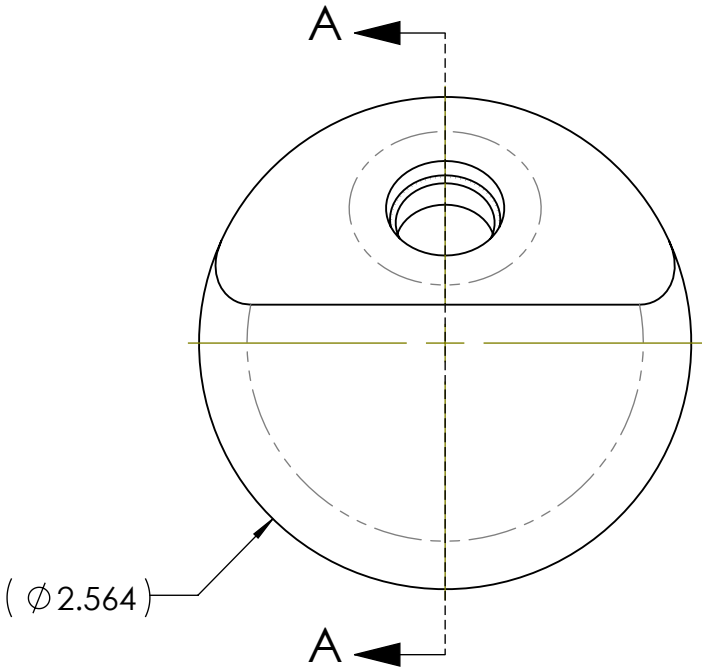
Expand to 1.025

S.F. ϕ 1.000

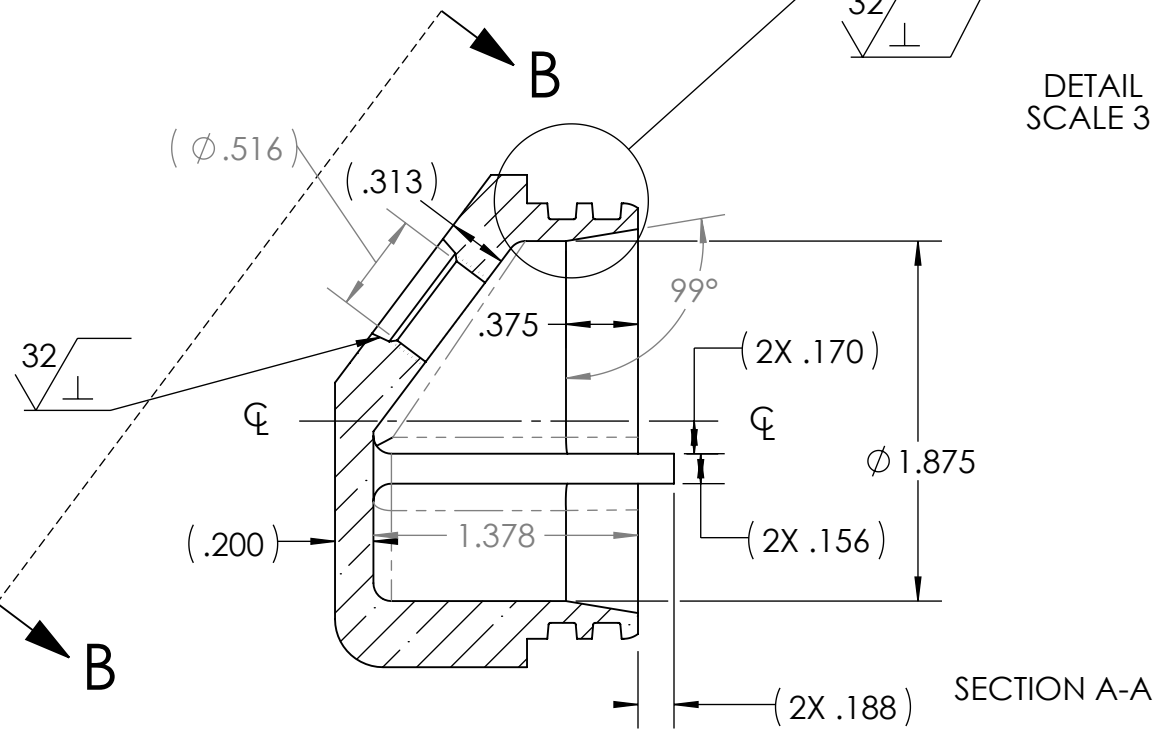
SAE #6
 ϕ .516 THRU
9/16-18 UNF-2B



VIEW B



DETAIL C
SCALE 3 : 1



SECTION A-A

NOTES: (CONT. FROM TITLE BLOCK)

BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	J. ERICKSON	7/24/20	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER	J. ERICKSON	7/24/20	
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	901217		
						PROJECT	CHEM S		
Application		DO NOT SCALE DRAWING				WEIGHT	0.548 lb.	ISUS - APEX 2000m ISUS-APEX Glider Sensor End Cap P-221979-23.DWG SIZE B DWG. NO. REV. SCALE 1:1 CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 2	