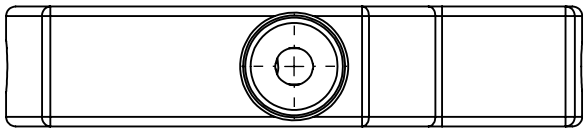
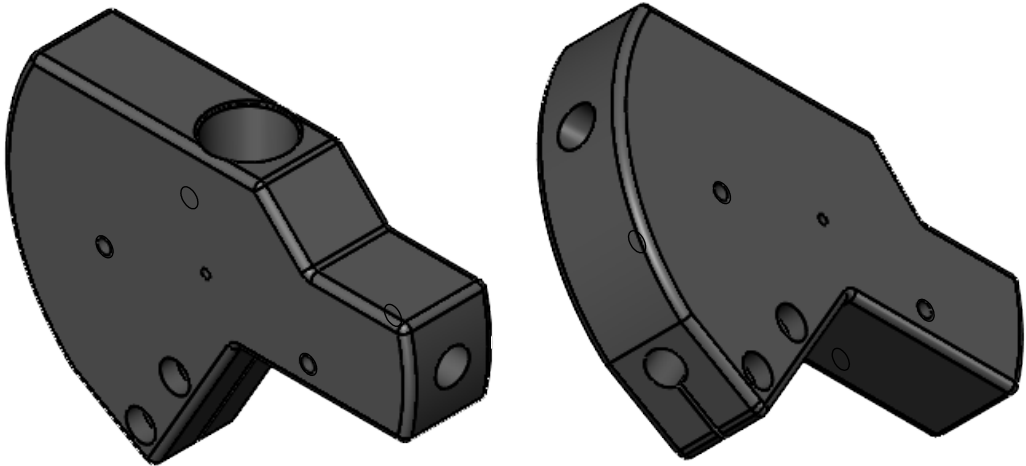


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



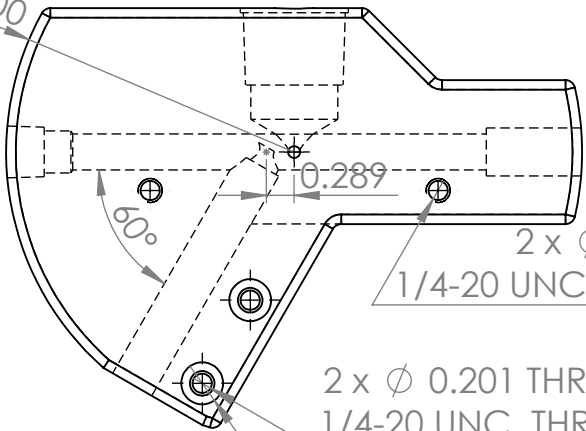
3/4" NPT for Durafet - to depth such that sensing element is in flow channel
25/64" thru hole
For NPT, use cut tap (may require larger pilot hole, e.g. 59/64") due to Dfet threads
Can counterbore for Dfet body if necessary: 1 1/8" or whatever fits



1.250

$\phi 0.438 \nabla 0.673$
1/4 NPT

R3.000



$\phi 0.375$ THRU ALL (flow channel)
 $\phi 0.500 \nabla 0.990$

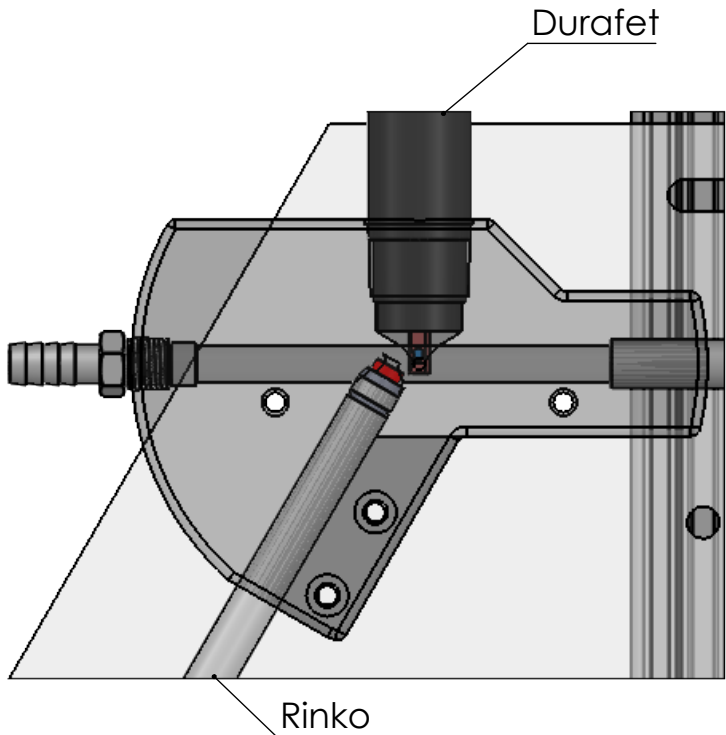
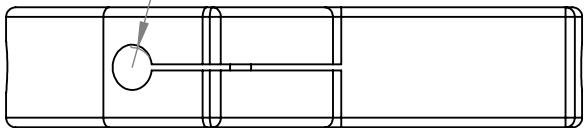
2 x $\phi 0.201$ THRU ALL
1/4-20 UNC $\nabla 0.625$ from both sides

2 x $\phi 0.201$ THRU ALL
1/4-20 UNC THRU ALL

2 x $\phi 0.257 \nabla 0.594$
 $\phi 0.438 \nabla 0.250$

Bore for Rinko O2 sensor:
Thru hole all the way to flow channel: $\phi 0.40$ "
Larger bore for Rinko body: $\phi 0.472$ " to a depth that creates
a small ledge to stop overinsertion

R0.236 $\nabla 2.640$



BILL OF MATERIALS										Monterey Bay Aquarium Research Institute															
NEXT ASSY Description		NEXT ASSY Number		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE				7700 Sandholdt Rd. Moss Landing, CA 95039 (831) 775-1700											
				1 PLACE DIM ±1/16		2 PLACE DIM ±.02		3 PLACE DIM ±.005		ANGLES ±1°										DRAWN		1/31/2023			
																				ENGINEER		Irene Hu			
THIRD ANGLE PROJECTION				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.				CHECKED																	
								PROJECT NO.																	
								PROJECT																	
								MAT'L				black Delrin								SIZE B		DWG. NO.		REV.	
																				SCALE		1:2		CAD FILE:	
				3						2								1							