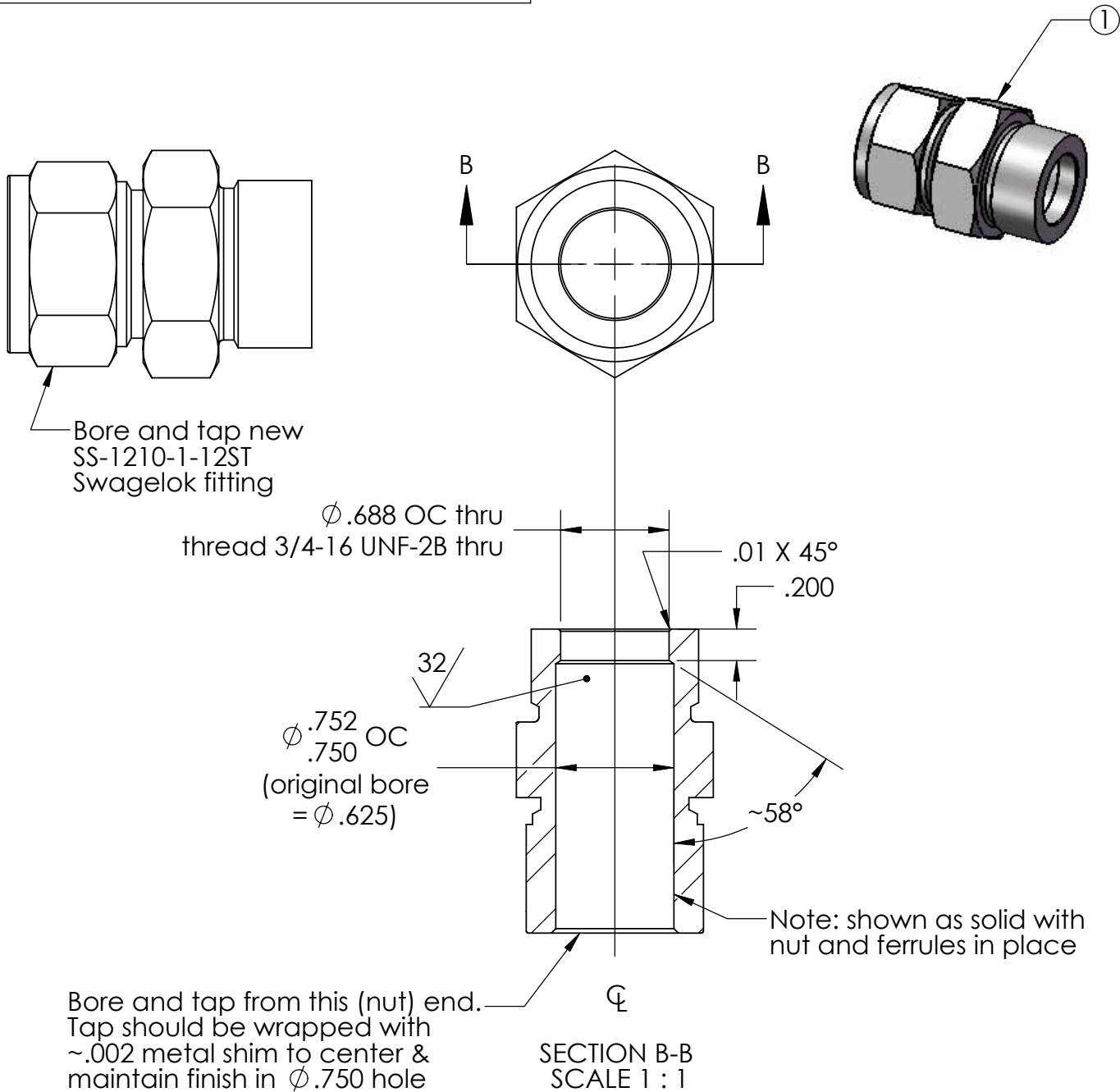
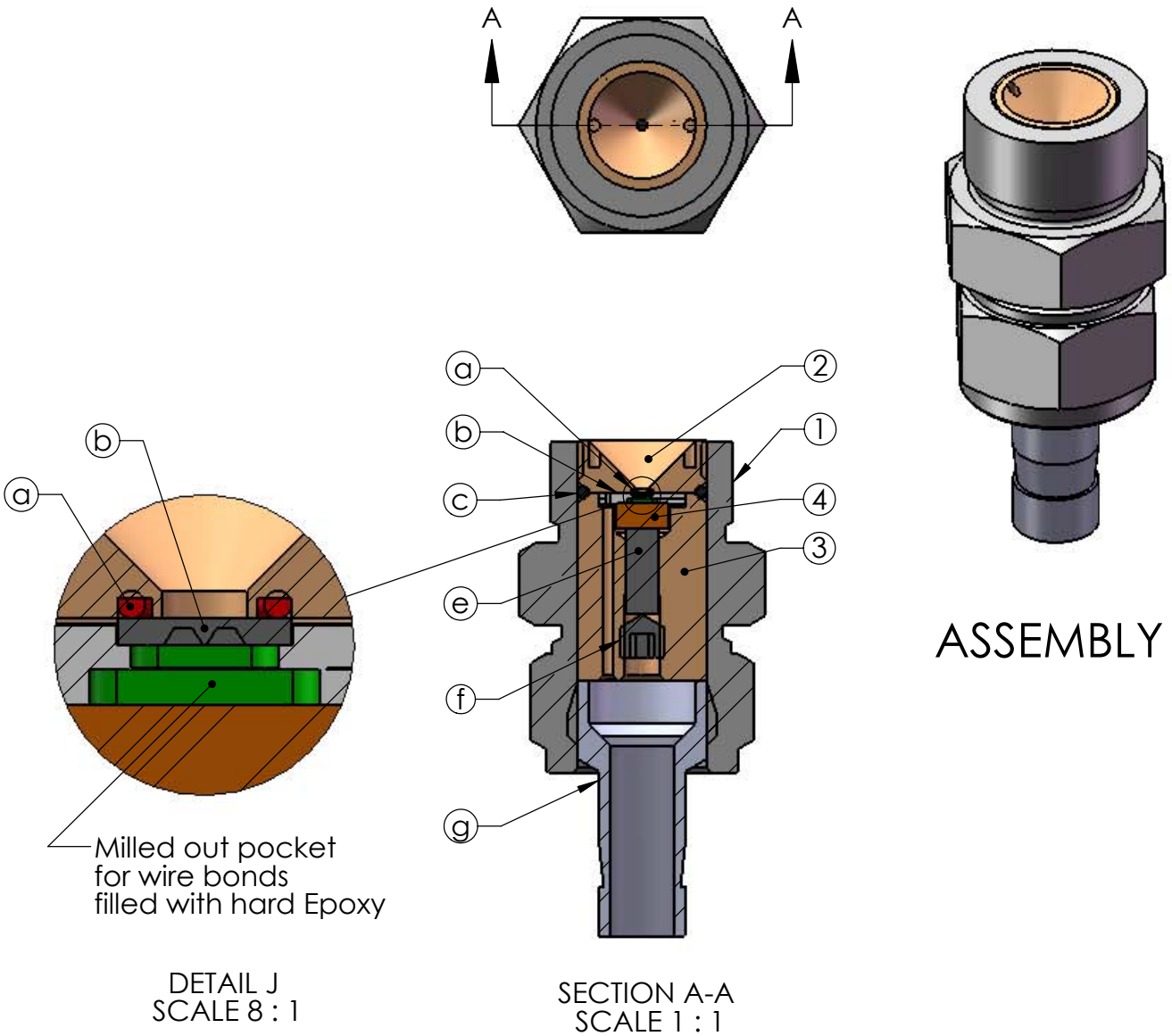


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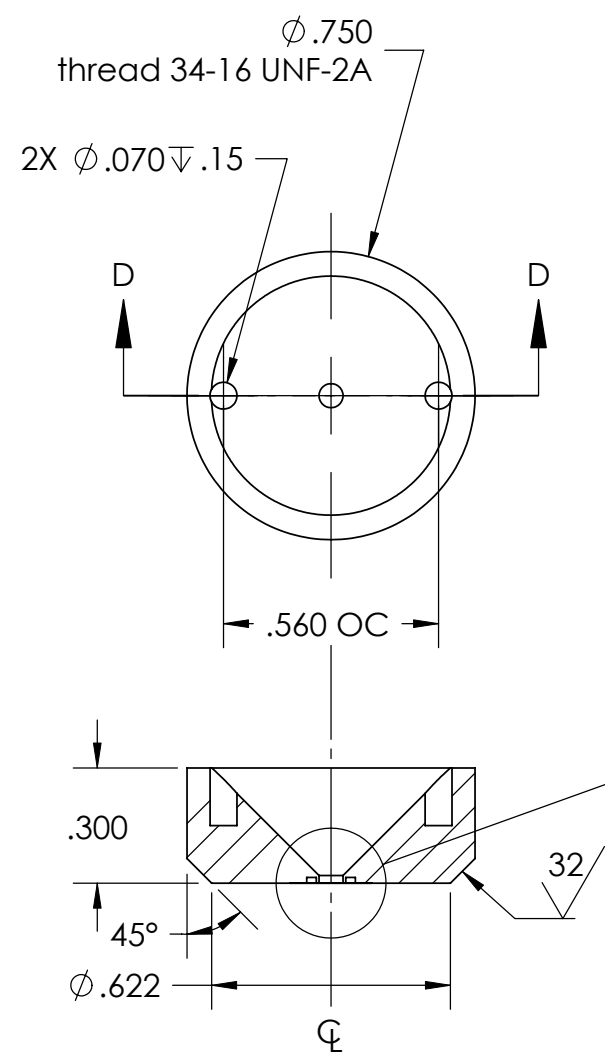
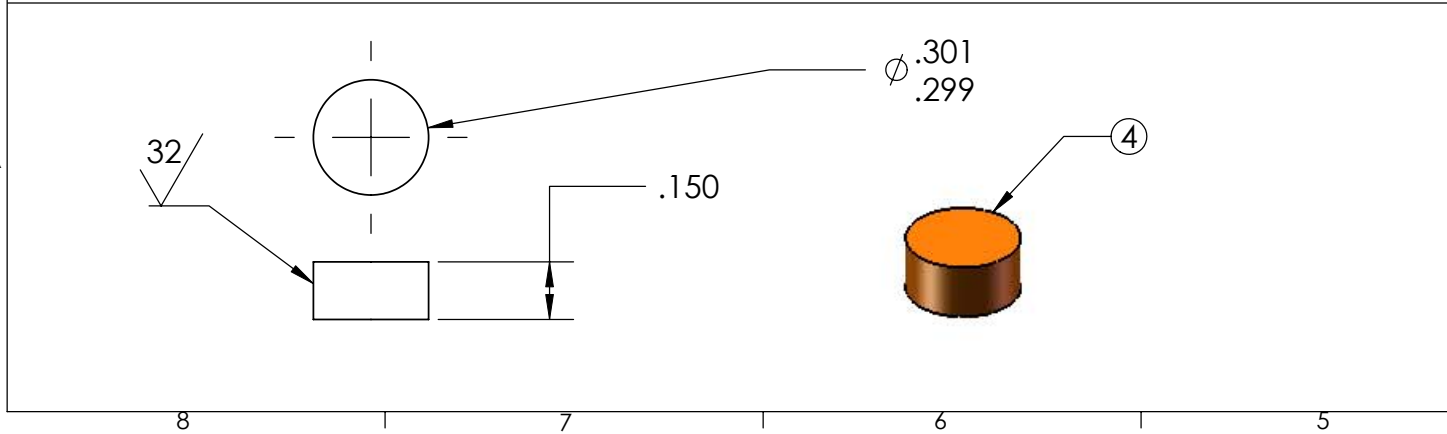
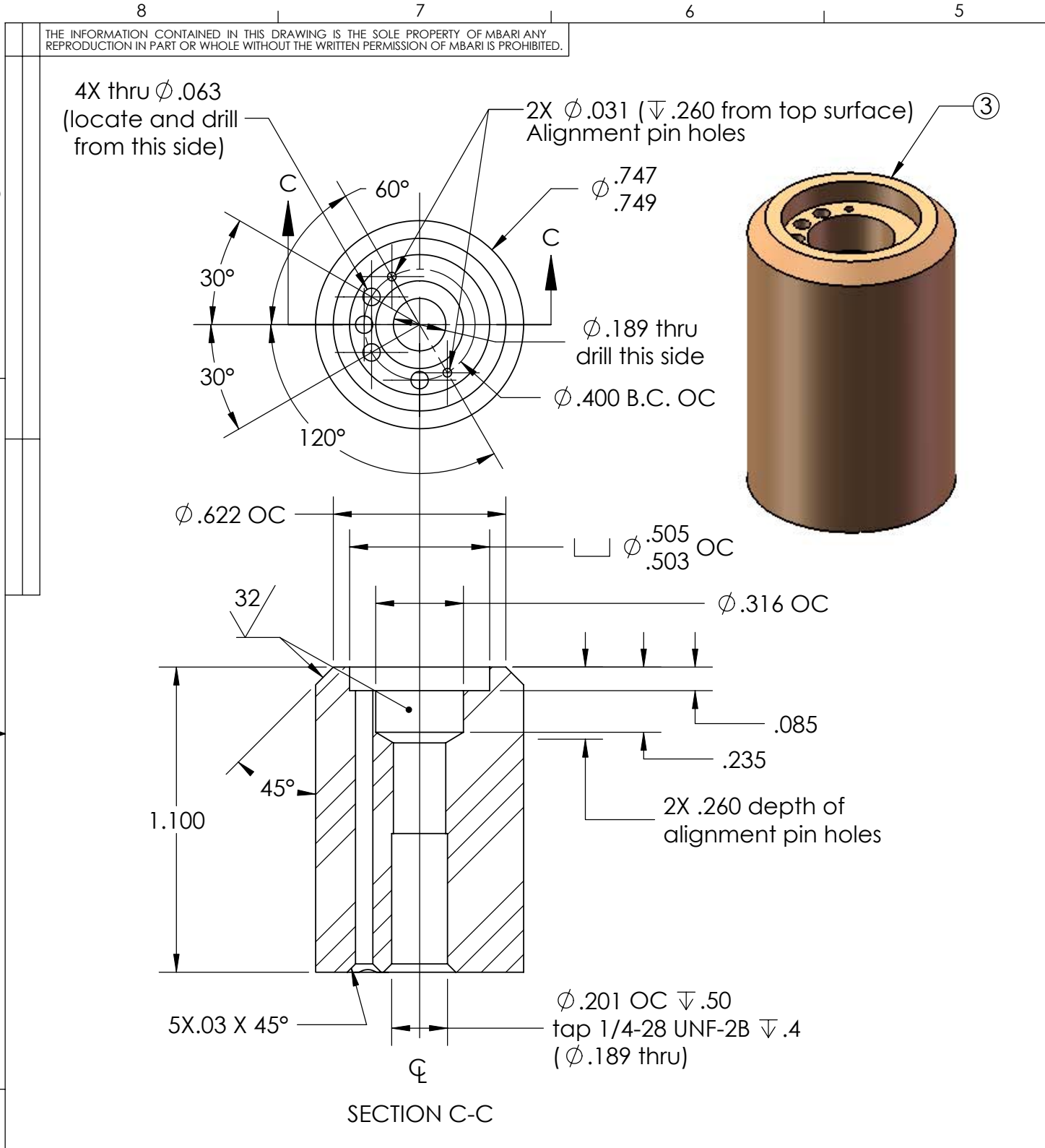
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		
A	Added larger plug support	3/12/09	hwj



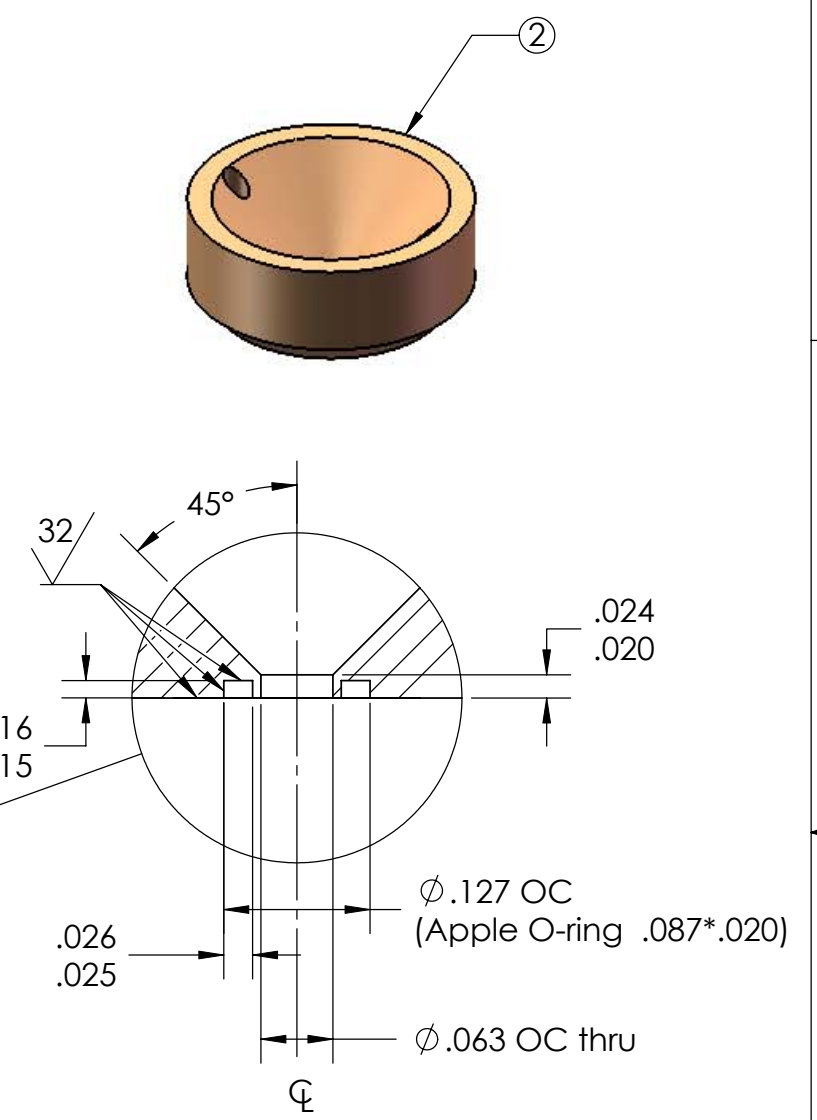
g	1		Support	316 SS (Swagelok SS-1211-PC-8)
f	1		Pointed set screw	316 SS (1/42-28)
e	1		Push Rod	316 SS (.188 dia x .50)
c	1		Ring Seal O-rin	Viton (2-016)
b	1		Mounted DuraFET Chip	
a	1		Apple O-Ring	Viton (.087 x .020)
Item No.	Qty	Part No.	Description	Material Specification
Assembly Parts				



4	1		Support Plug	PEEK				
3	1		Pressure Plug	PEEK				
2	1		Ring Seal	PEEK				
1	1		SS-1210-1-12ST Mod A	SS-316 (Swagelok SS-1210-1-12ST)				
Item No.	Qty	Part No.	Description	Material Specification				
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 Hans Jannasch 1/5/09		
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		
Engineer						CHECKED		
NEXT ASSY Description						NEXT ASSY Number		PROJECT NO. 900601
								PROJECT Chemical Sensors
Application		DO NOT SCALE DRAWING		WEIGHT				
					SIZE B	DWG. NO. 213jahaDuraFET_Ptest4	REV A	
					SCALE 1:3	CAD FILE: Tornado/chem/SWfiles	SHEET 1 OF 2	
					Monterey Bay Aquarium Research Institute			
					MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700			
								
					DuraFET Ptest4a Fitting			



SECTION D-D



DETAIL E
SCALE 6 : 1

4	1		Support Plug	PEEK			
3	1		Pressure Plug	PEEK			
2	1		Ring Seal	PEEK			
Item No.	Qty	Part No.	Description	Material Specification			
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 Hans Jannasch	1/5/09
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.	900601
		4. MACHINED FILLET RADII .0150-.030.				PROJECT	Chemical Sensors
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				WEIGHT	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				SCALE	1:3
Application		DO NOT SCALE DRAWING		SHEET 2 OF 2		CAD FILE: Tornado/chem/SWfiles	REV. A

Monterey Bay Aquarium Research Institute
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Moss Landing, CA 95039
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DuraFET Ptest4a Fitting

SIZE B DWG. NO. 213jahaDuraFET_Ptest4 REV. A