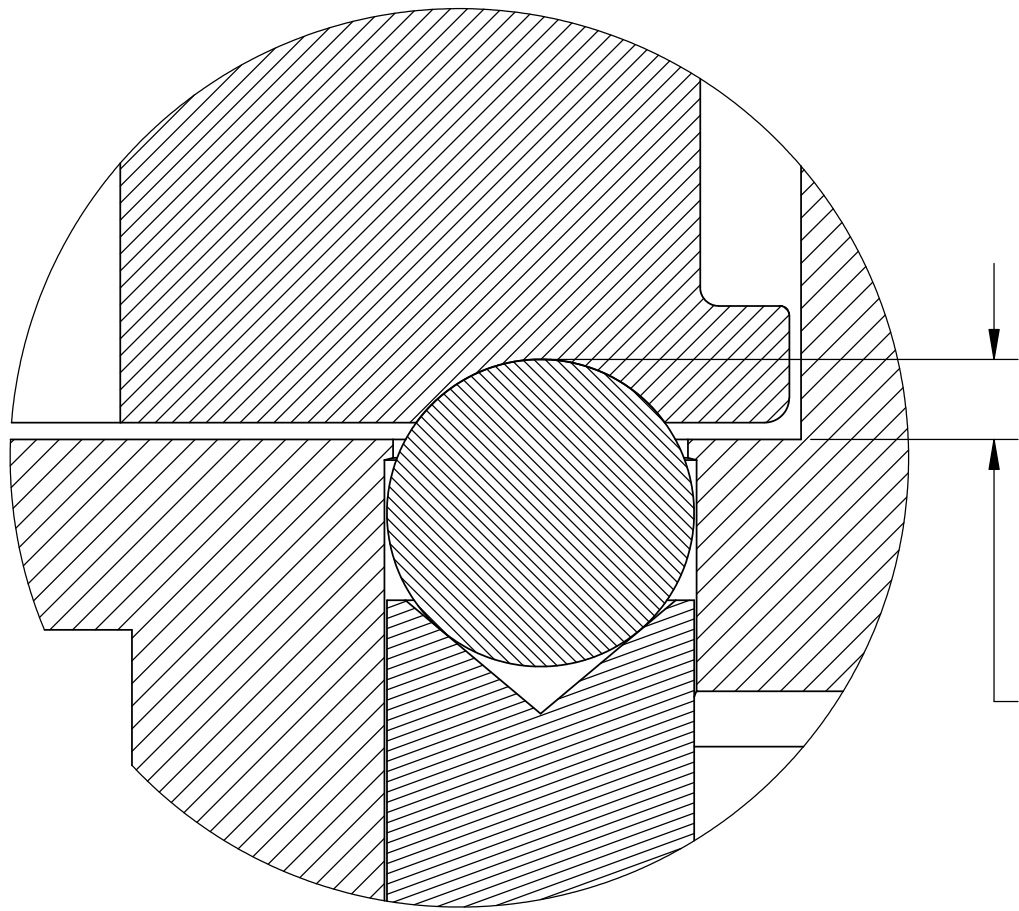
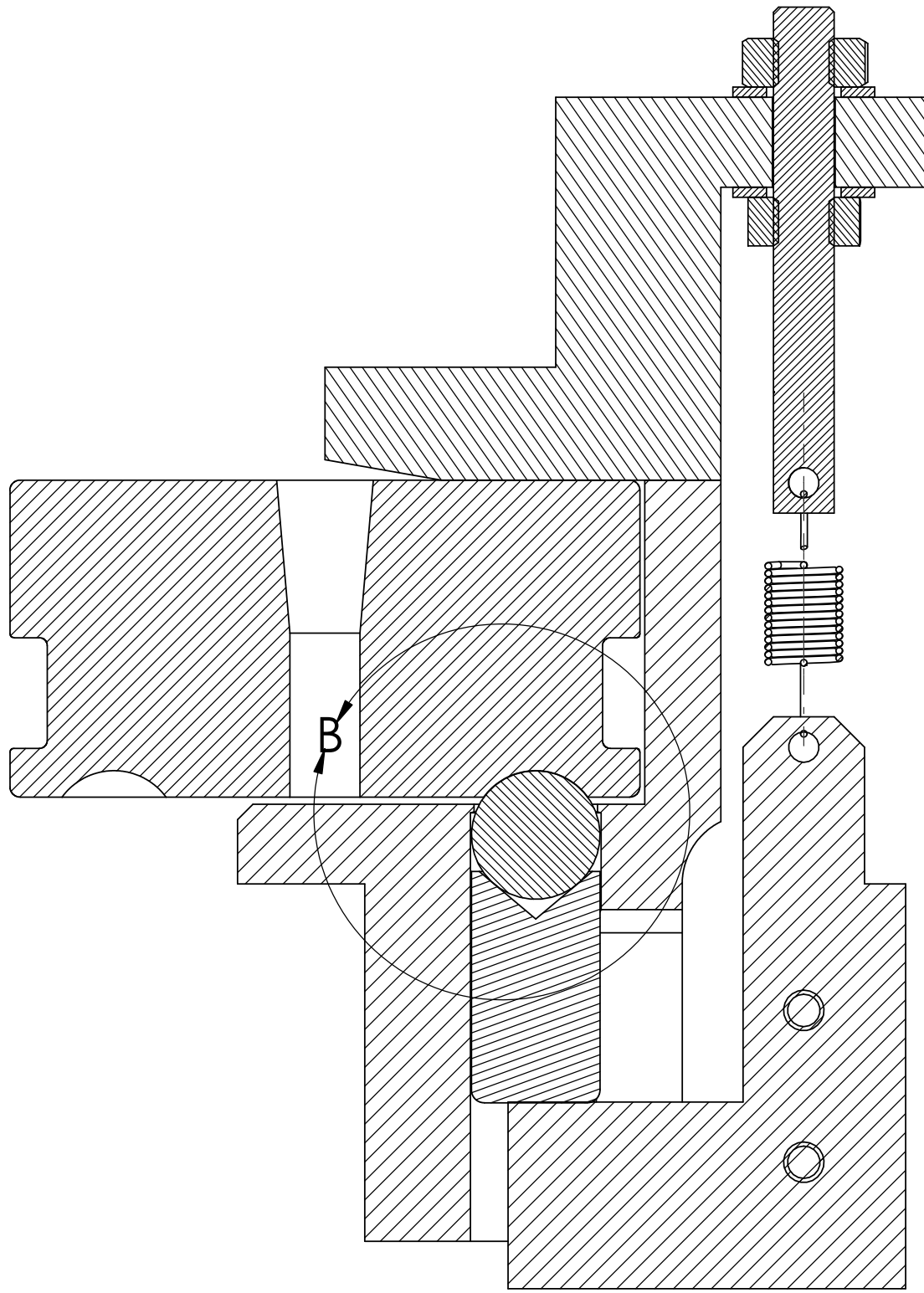
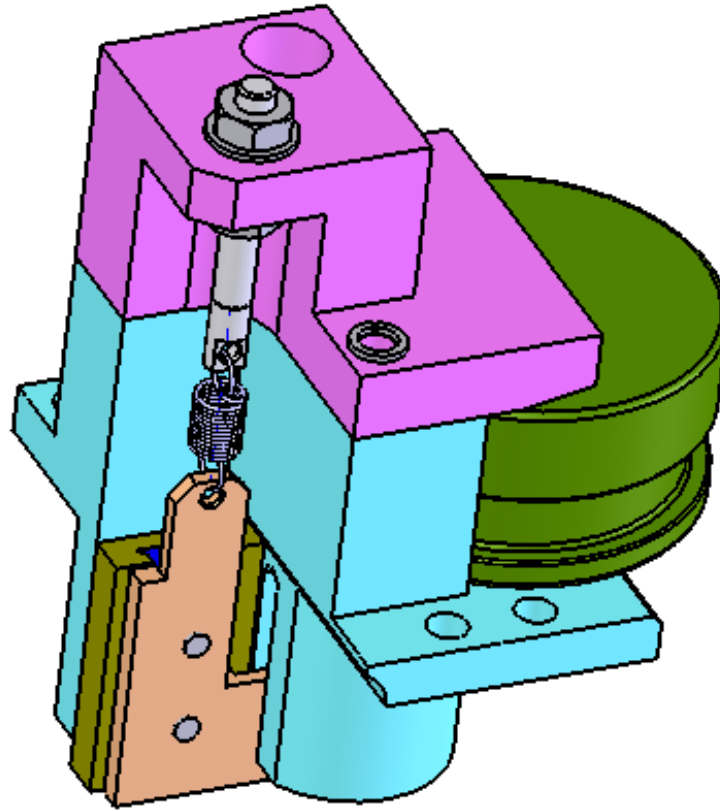
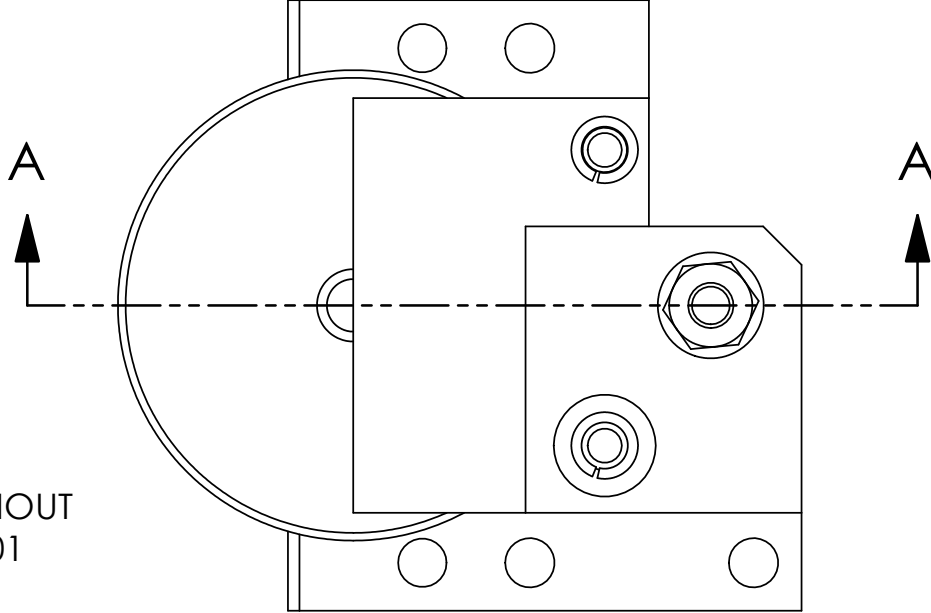


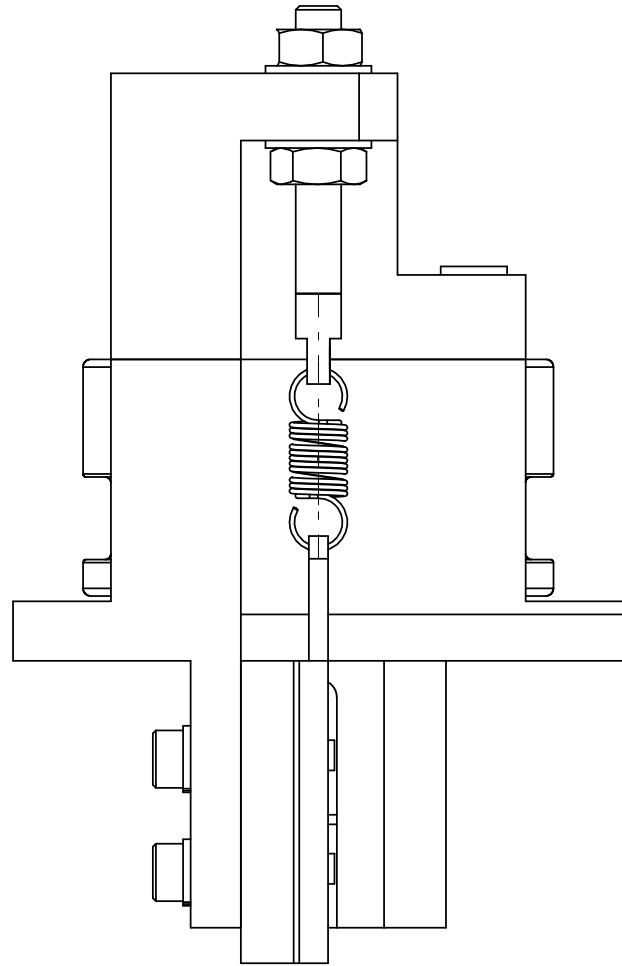
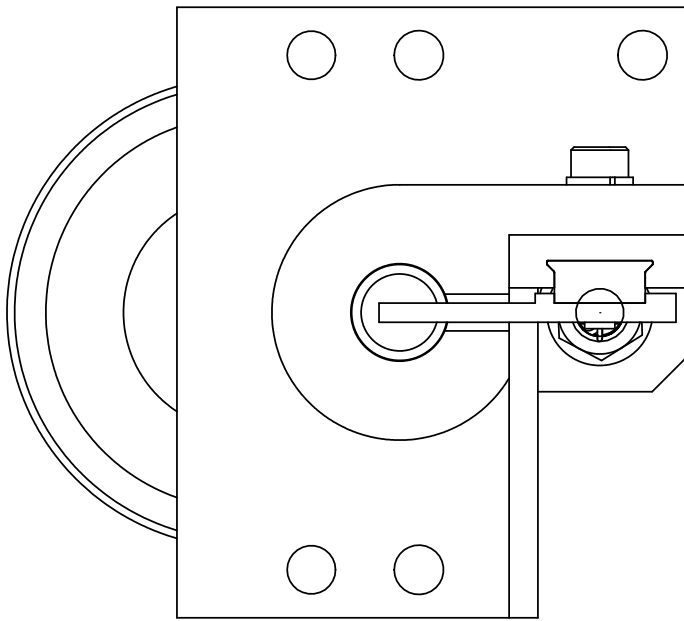
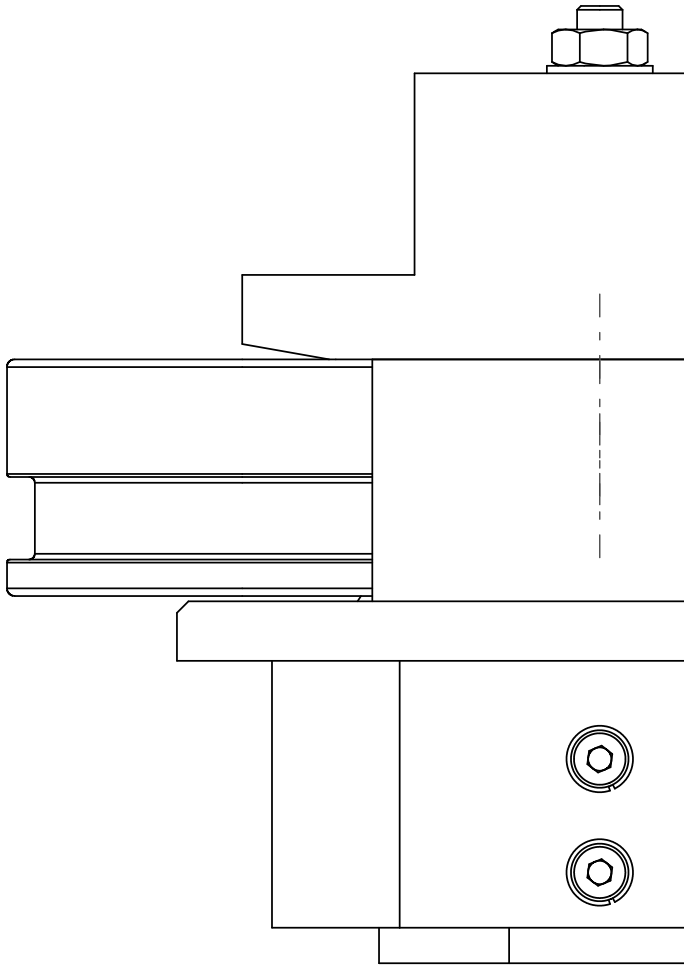


DETAIL B

BALL TO PROTRUDE .065 WITHOUT
HITTING LIP OF 1002573-001
(DETAIL D, SHEET 2)



SECTION A-A



BILL OF MATERIALS				last updated on: Monday, March 21, 2005 3:27:08 PM			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS		DATE	
Inspector		2 PLACE DIM ±.01	3 PLACE DIM ±.005	4 PLACE DIM ±.0005	ANGLES ±1°	ENGINEER Jason Feldman 831-775-1837	
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING 3. REMOVE BURRS & SHARP EDGES .010 MAX 4. MACHINED FILLET RADII .000 TO .025 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .001 PER INCH. MAX .003 INCHES FOR SINGLE SURFACE. 7. SURFACE FINISH TO BE 63 MICRON UNLESS OTHERWISE SPECIFIED				CHECKED	
Engineer						PROJECT NUMBER 900327.00	
NEXT ASSY Description	NEXT ASSY Number					PROJECT ESP	
DO NOT SCALE DRAWING						CAD FILE: X:\701312 ESP 2G\SolidWorks files\1002468 (lab stand)	
						7700 Sandholdt Road Moss Landing, CA 95039	
						flush puck holder	
						SIZE C	DWG. NO. 1002573
						REV. A	
						SHEET 1 OF 5	

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1002573-001 FLUSH PUCK HOLDER - BASE

2X $\phi .089 \nabla .475 \text{ MIN}$
4-40 UNC - 2B $\nabla .400 \text{ MIN}$

$\phi .1260^{+.0000}_{-.0006}$ THRU

3X $\phi .129$ THRU ALL

2X R.045 $\pm .010$

SECTION C-C

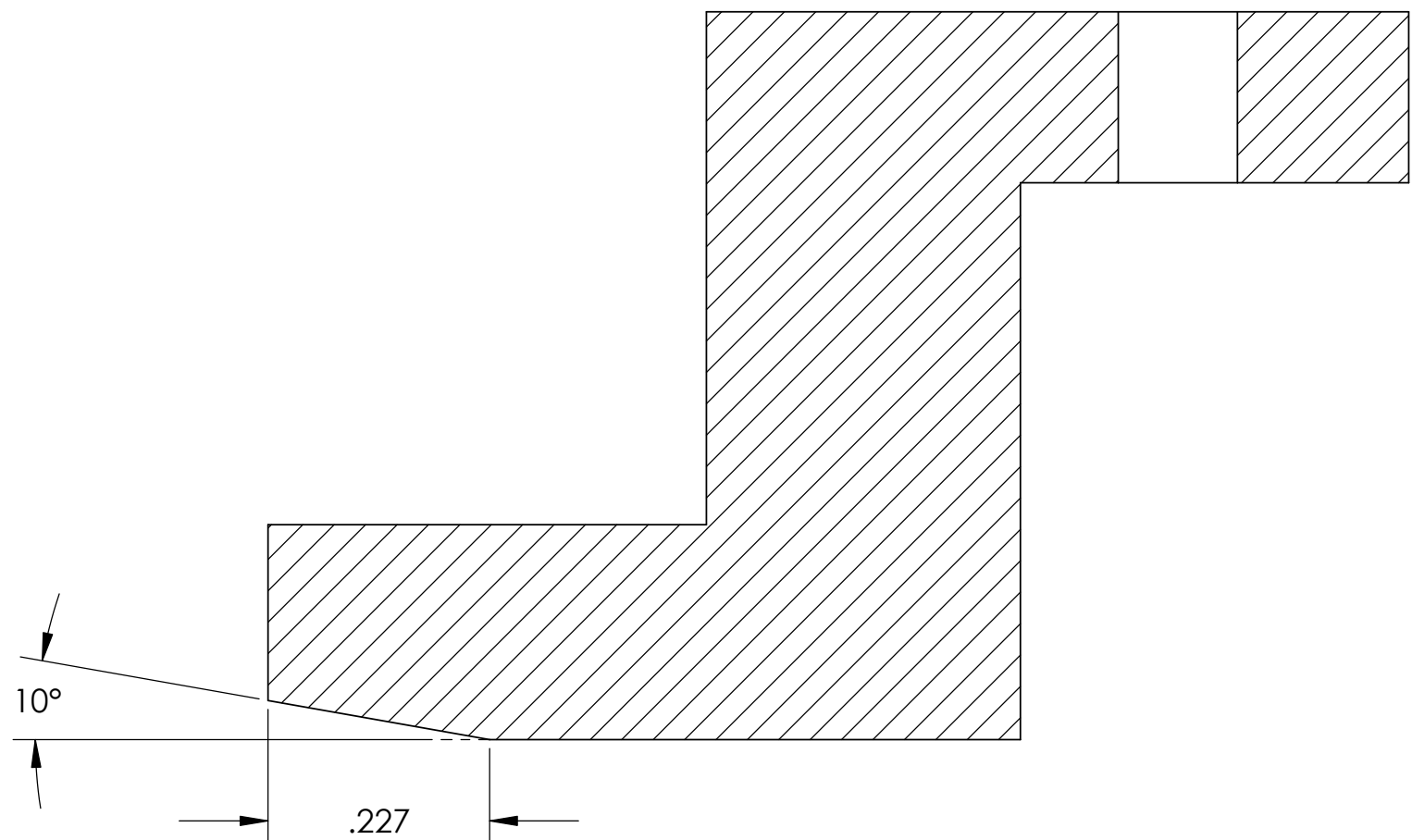
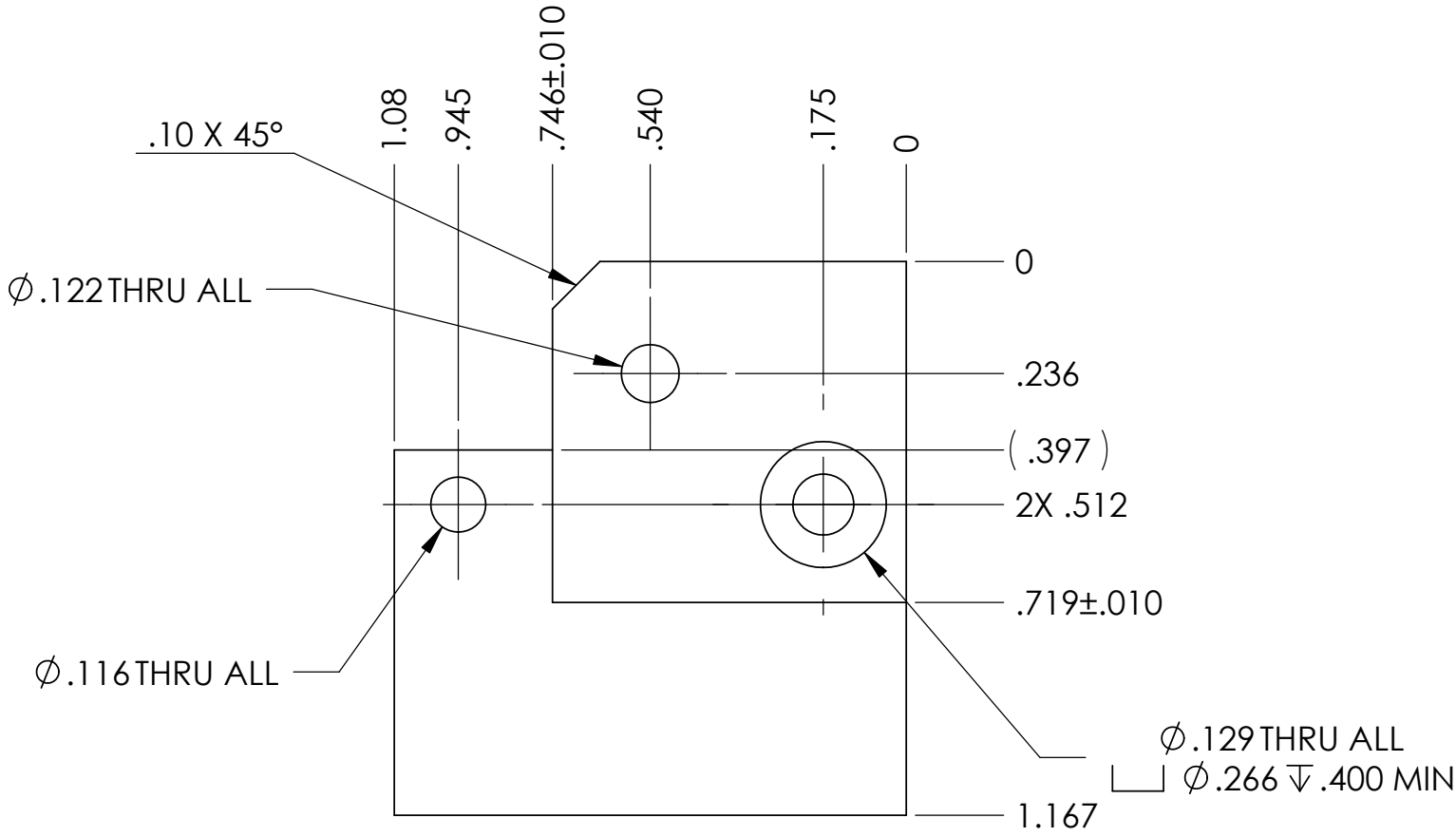
DETAIL D

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	1002573-001	Flush Puck Holder - BASE	DELFIN AF	1

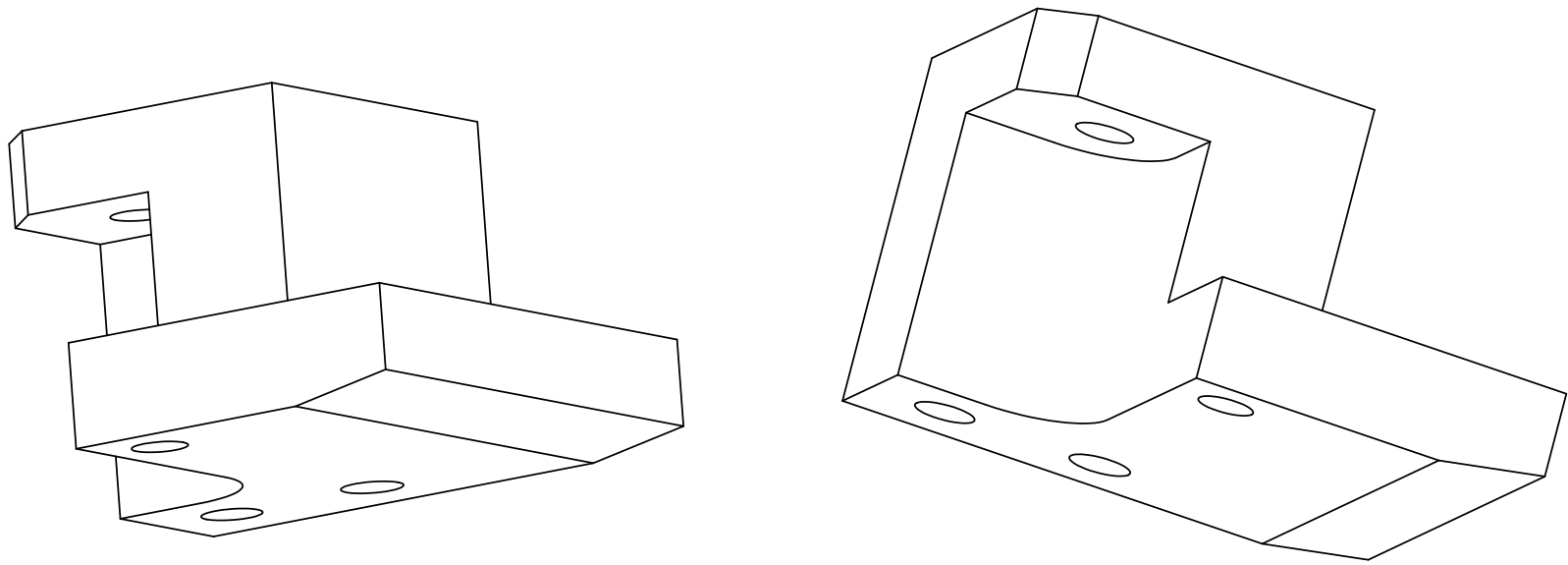
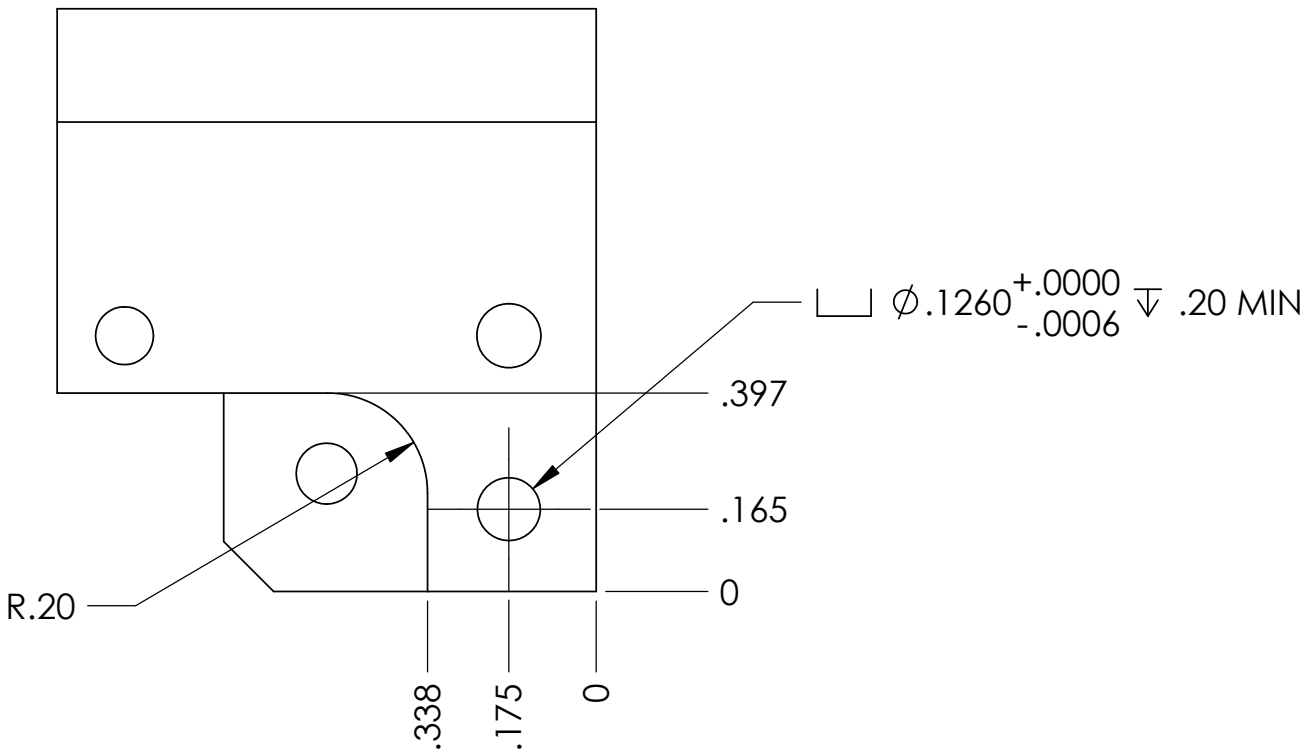
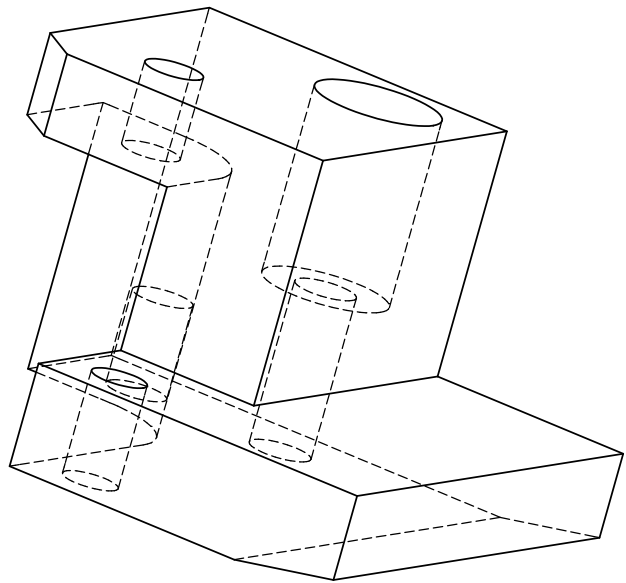
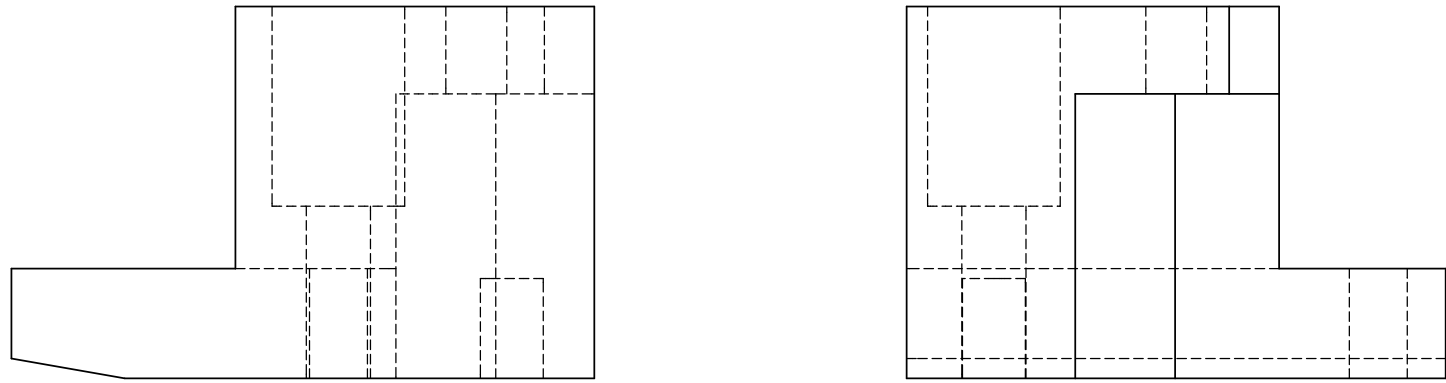
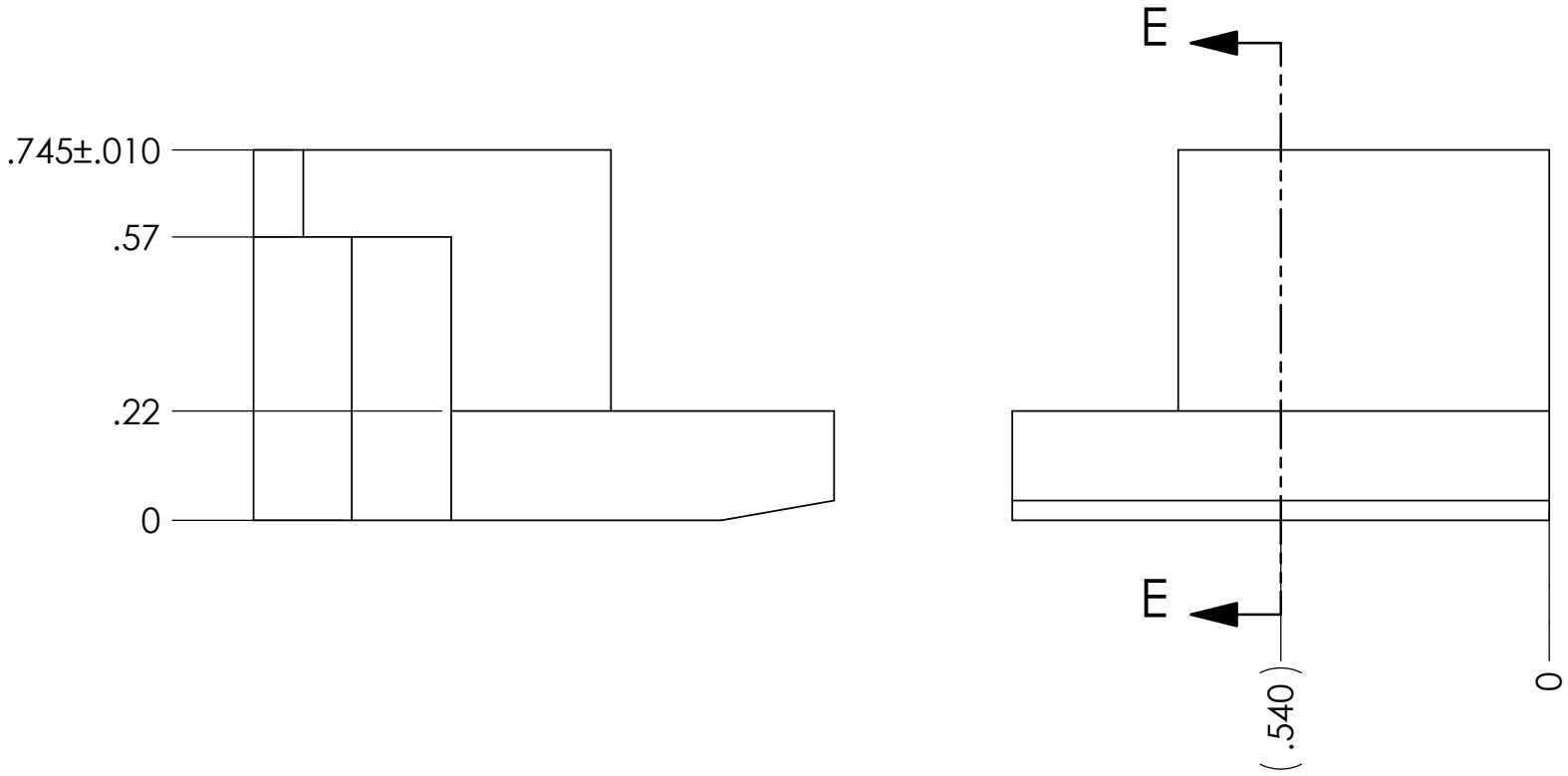
BILL OF MATERIALS			last updated on: Monday, March 21, 2005 3:27:08 PM		
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS DATE	Monterey Bay Aquarium Research Institute  7700 Sandholdt Road Moss Landing, CA 95039 flush puck holder	
Inspector		2 PLACE DIM ± .01	3 PLACE DIM ± .005		ENGINEER Jason Feldman 831-775-1837
Shop Foreman		4 PLACE DIM ± .0005	ANGLES ± 1°		CHECKED
Engineer		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING 3. REMOVE BURRS & SHARP EDGES .010 MAX 4. MACHINED FILLET RADII .000 TO .025 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			
NEXT ASSY Description	NEXT ASSY Number	6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .001 PER INCH. MAX. .003 INCHES FOR SINGLE SURFACE.			
DO NOT SCALE DRAWING		7. SURFACE FINISH TO BE 63 MICRON UNLESS OTHERWISE SPECIFIED			
		CAD FILE: X:\701312 ESP 2G\SolidWorks files\1002468 (lab stand)		SHEET 2 OF 5	

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1002573-002
FLUSH PUCK HOLDER - TOP



SECTION E-E



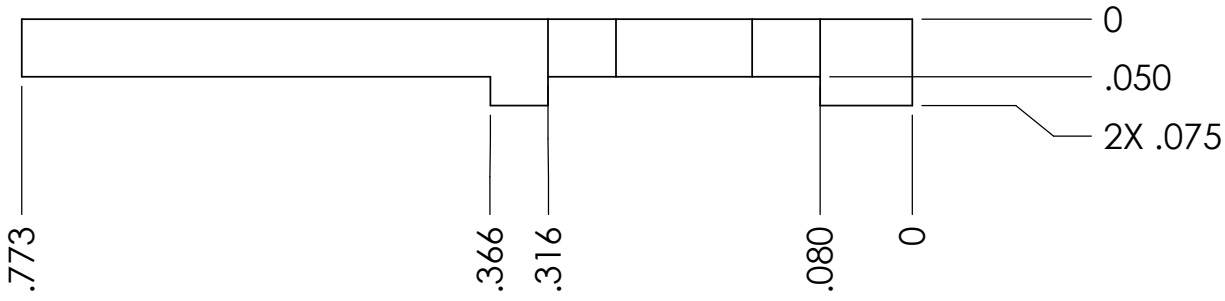
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
2	1002573-002	Flush Puck Holder - TOP	DELFIN AF	1

BILL OF MATERIALS				last updated on: Monday, March 21, 2005 3:27:08 PM	
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		2 PLACE DIM ±.01	3 PLACE DIM ±.005	4 PLACE DIM ±.0005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING 3. REMOVE BURRS & SHARP EDGES .010 MAX 4. MACHINED FILLET RADII .000 TO .025 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .001 PER INCH. MAX .003 INCHES FOR SINGLE SURFACE. 7. SURFACE FINISH TO BE 63 MICRON UNLESS OTHERWISE SPECIFIED			
Engineer		ENGINEER Jason Feldman 831-775-1837			
NEXT ASSY Description	NEXT ASSY Number	PROJECT NUMBER 900327.00		PROJECT ESP	
DO NOT SCALE DRAWING		CADC FILE: X:\701312 ESP 2G\SolidWorks files\1002468 (lab stand)		SHEET 3 OF 5	

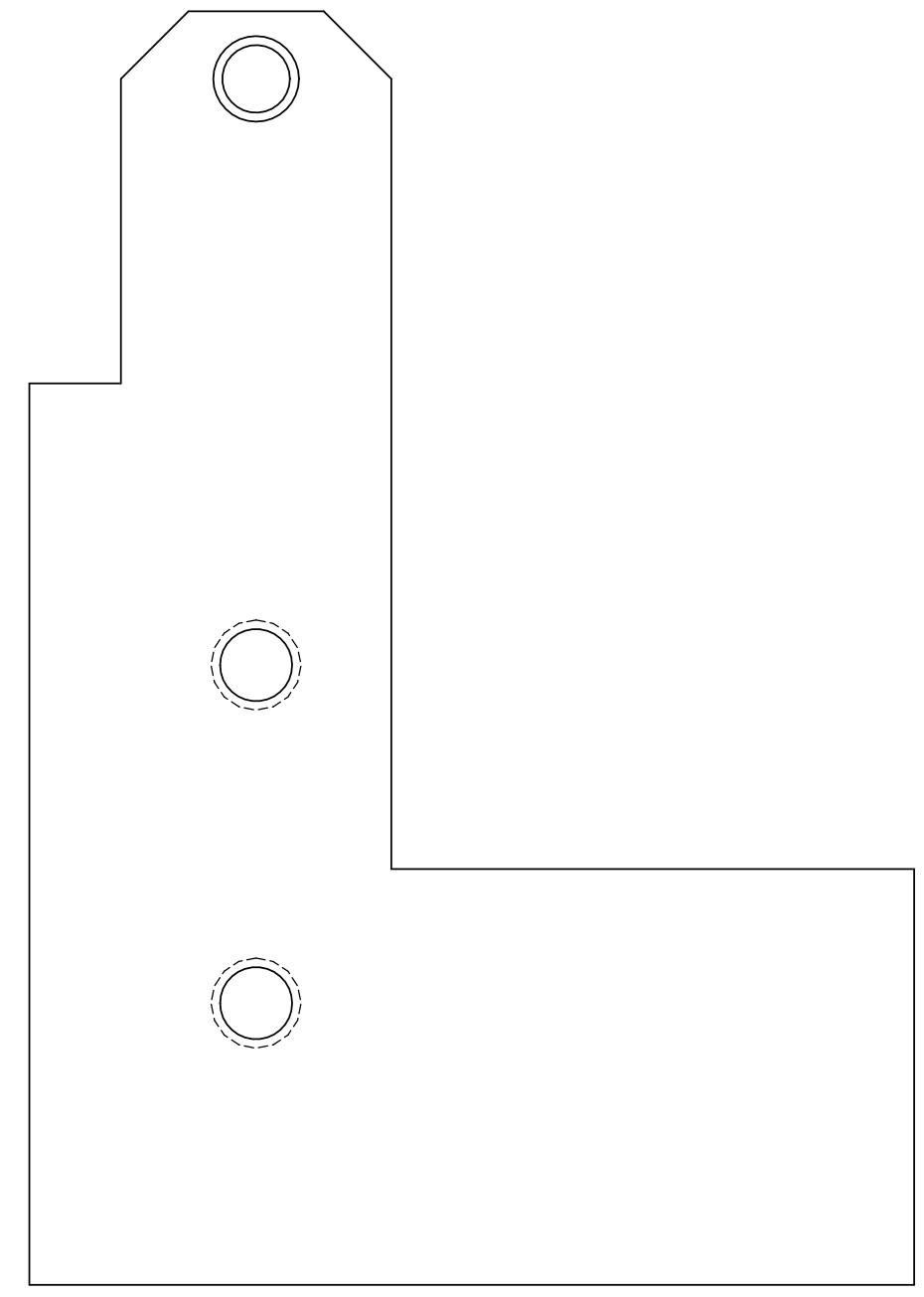
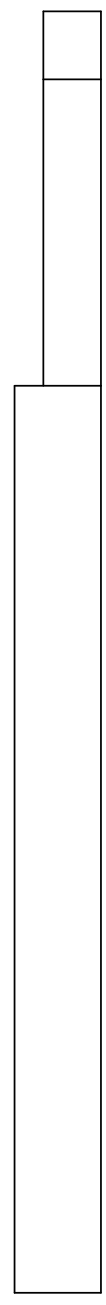
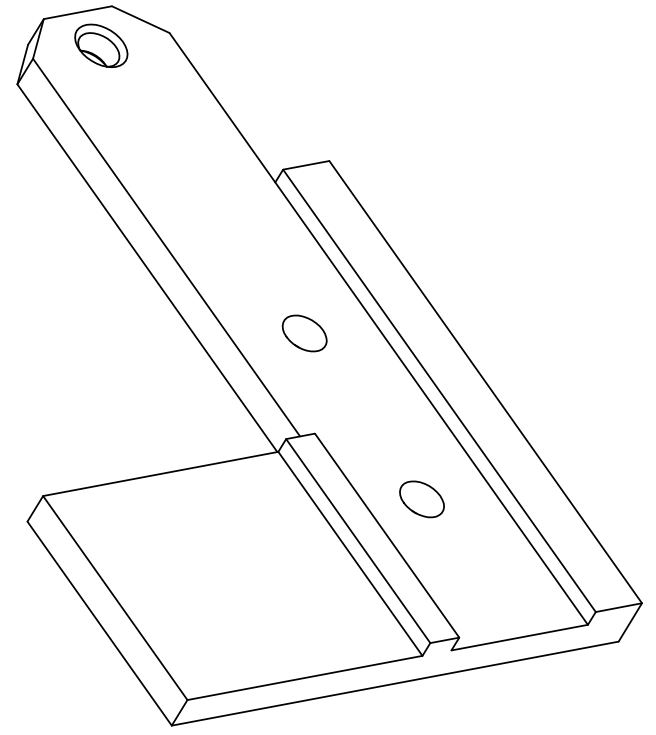
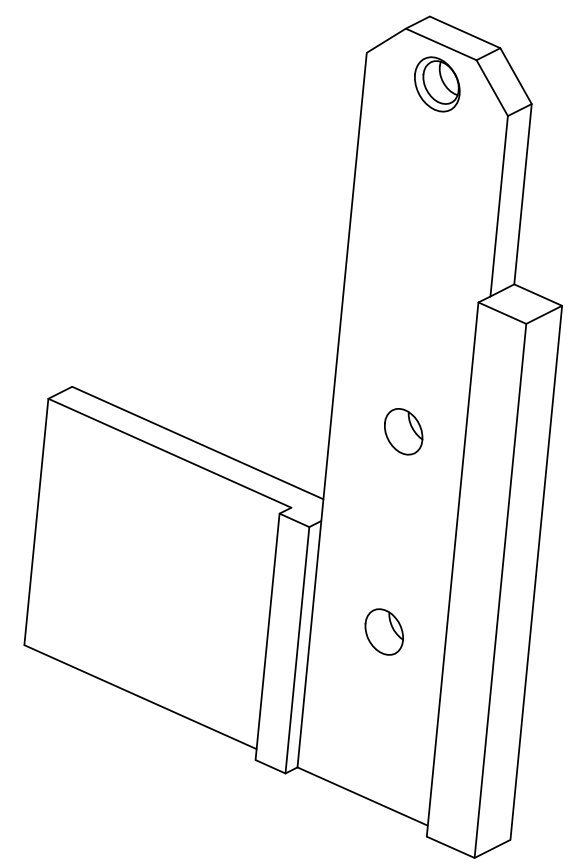
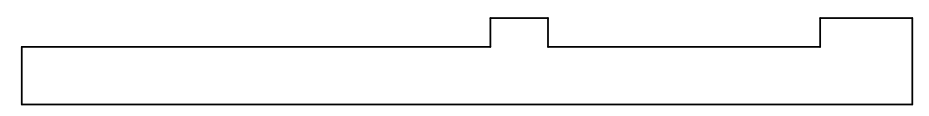
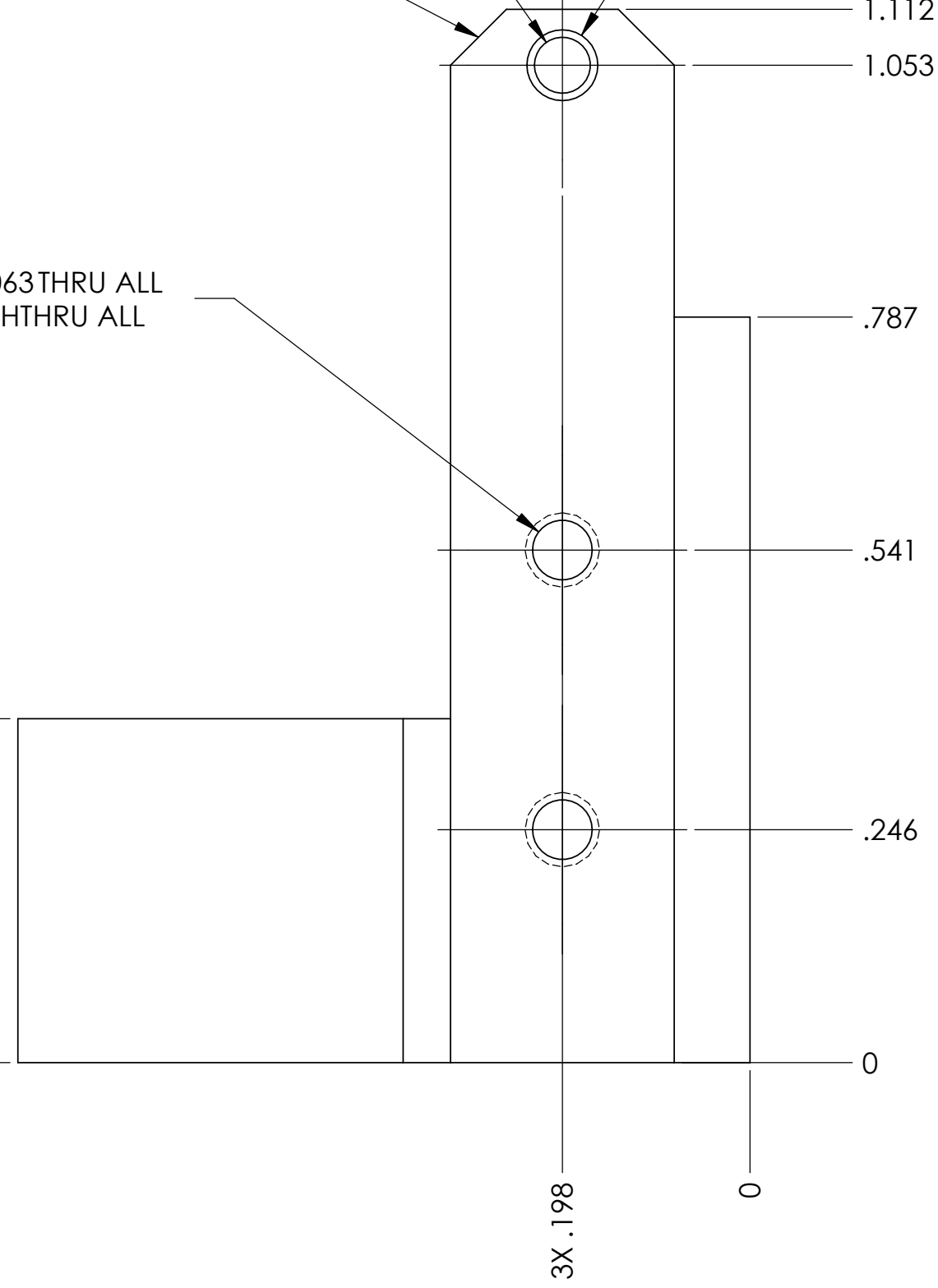
Monterey Bay Aquarium Research Institute 7700 Sandholdt Road Moss Landing, CA 95039		flush puck holder	
SIZE C	DWG. NO. 1002573	REV. A	

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1002573-003
FLUSH PUCK HOLDER - ARM



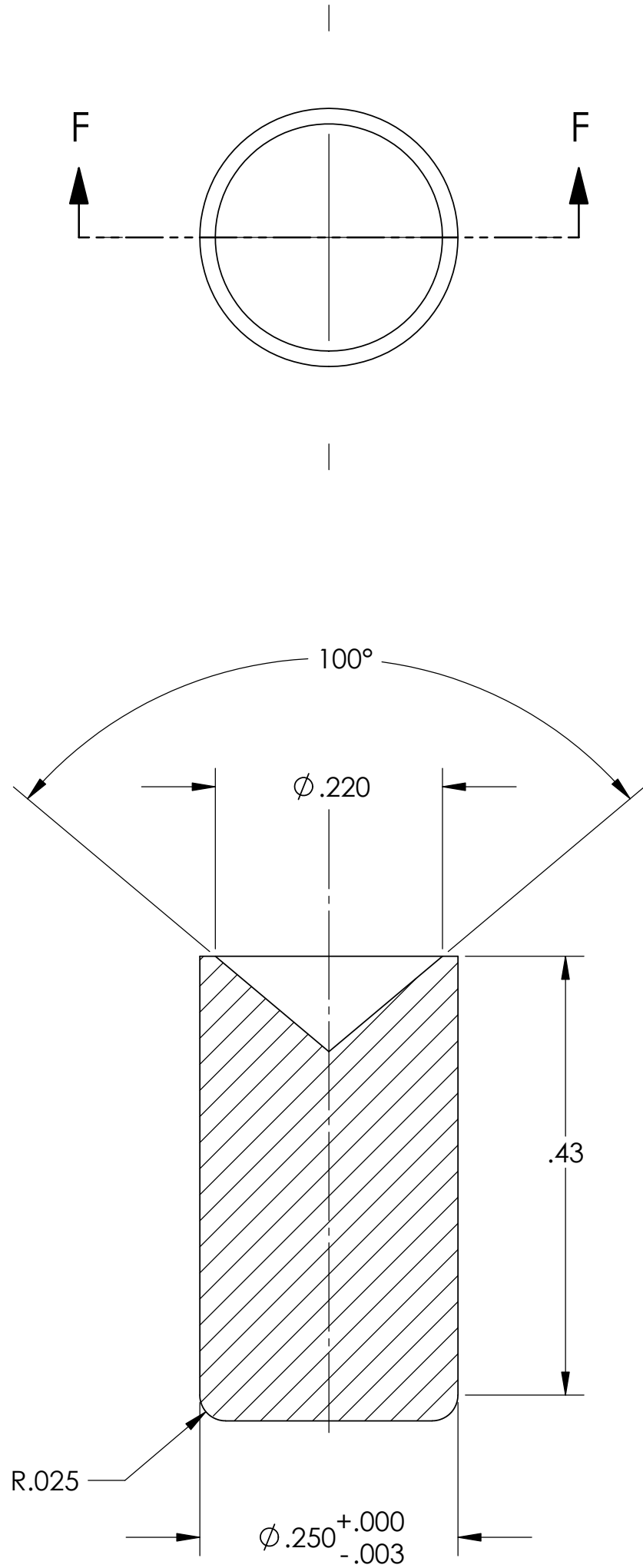
$\phi .059$ THRU ALL
 $2X .059 \times 45^\circ$
 $\phi .075 \times 90^\circ$ CHAMFER BOTH SIDES



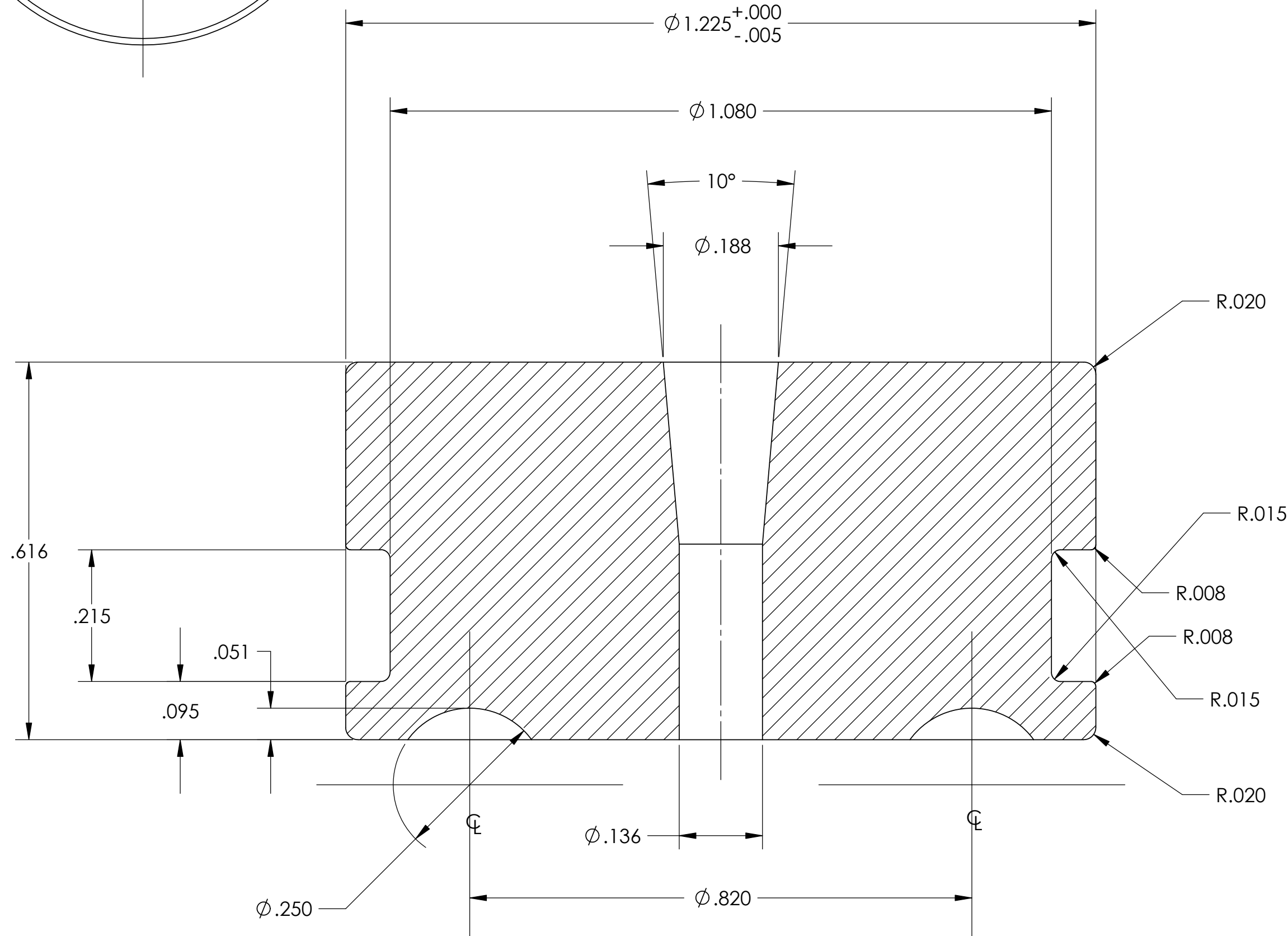
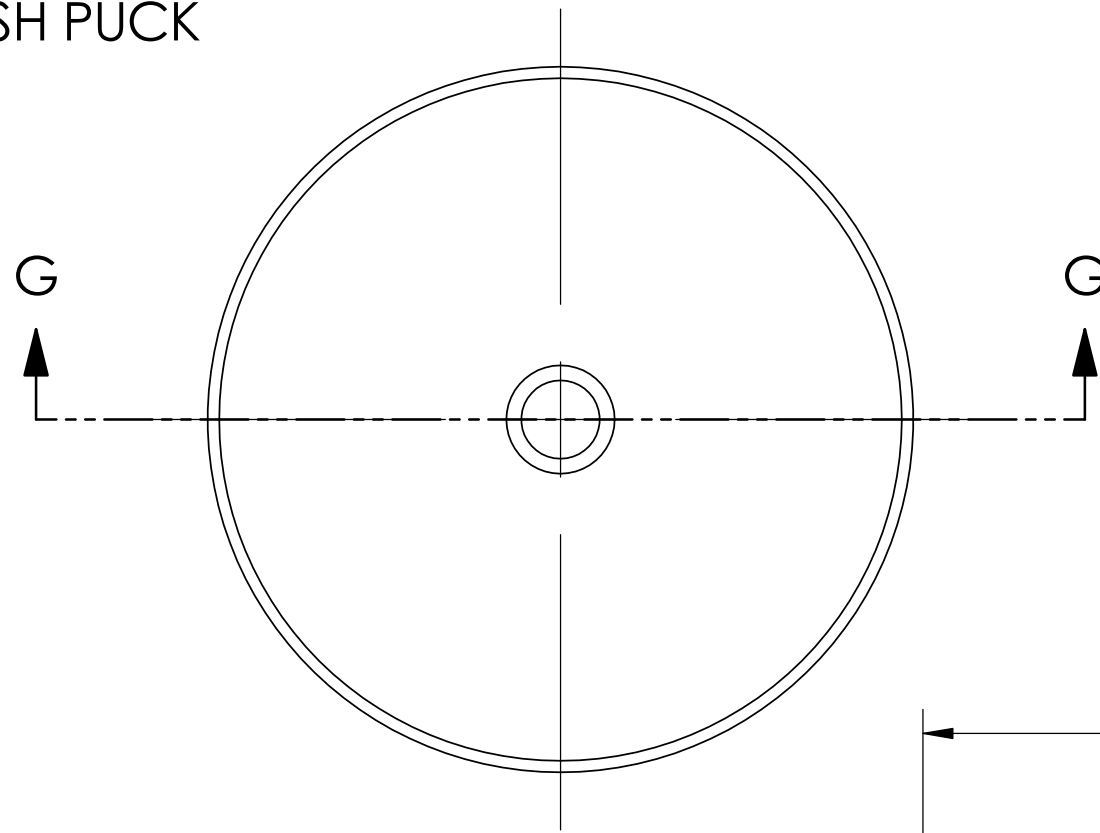
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
3	1002573-003	Flush Puck Holder - ARM	Titanium	1
BILL OF MATERIALS			last updated on: Monday, March 21, 2005 3:27:08 PM	
Shop / Q.C.		APPROVALS		DATE
Inspector		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		
Shop Foreman		2 PLACE DIM ±.01	3 PLACE DIM ±.005	4 PLACE DIM ±.0005
Engineer		ANGLES ±1°	ENGINEER Jason Feldman 831-775-1837	
NEXT ASSY Description		NEXT ASSY Number		CHECKED
DO NOT SCALE DRAWING		PROJECT ESP		PROJECT NUMBER 900327.00
		CAD FILE: X:\701312 ESP 2G\SolidWorks files\1002468 (lab stand)		7700 Sandholdt Road Moss Landing, CA 95039
		SIZE C		flush puck holder
		DWG. NO. 1002573		REV. A
		SHEET 4 OF 5		

1002573-004
FLUSH PUCK HOLDER - LIFTER

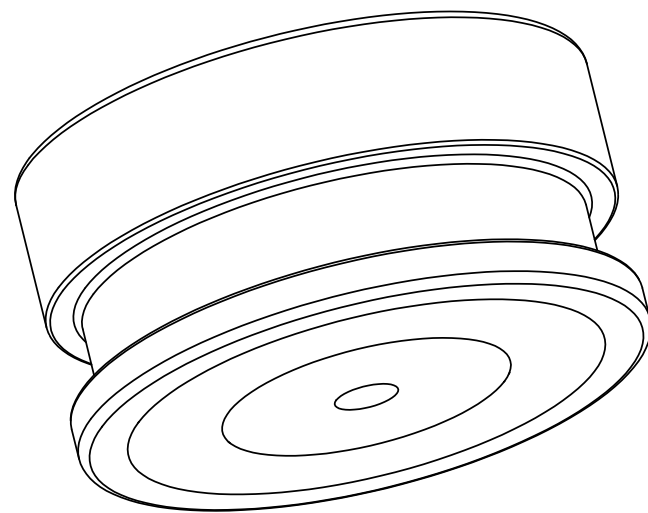
1002573-005
FLUSH PUCK



SECTION F-F



SECTION G-G



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
4	1002573-004	Flush Puck Holder - LIFTER	VESPEL SP-3	1
5	1002573-005	FLUSH PUCK	VESPEL	2

BILL OF MATERIALS					last updated on: Monday, March 21, 2005 3:27:08 PM	
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS	DATE	Monterey Bay Aquarium Research Institute 7700 Sandholdt Road Moss Landing, CA 95039 
Inspector		2 PLACE DIM ±.01	3 PLACE DIM ±.005	ANGLES ±1°	ENGINEER Jason Feldman 831-775-1837	
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING 3. REMOVE BURRS & SHARP EDGES .010 MAX 4. MACHINED FILLET RADII .000 TO .025 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			CHECKED	
Engineer		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .001 PER INCH MAX .003 INCHES FOR SINGLE SURFACE.			PROJECT NUMBER 900327.00	
NEXT ASSY Description	NEXT ASSY Number	7. SURFACE FINISH TO BE 63 MICRON UNLESS OTHERWISE SPECIFIED			PROJECT ESP	
DO NOT SCALE DRAWING		CAD FILE: X:\701312 ESP 2G\SolidWorks files\1002468 (lab stand)			SIZE C	
					DWG. NO. 1002573	REV. A
					SHEET 5 OF 5	