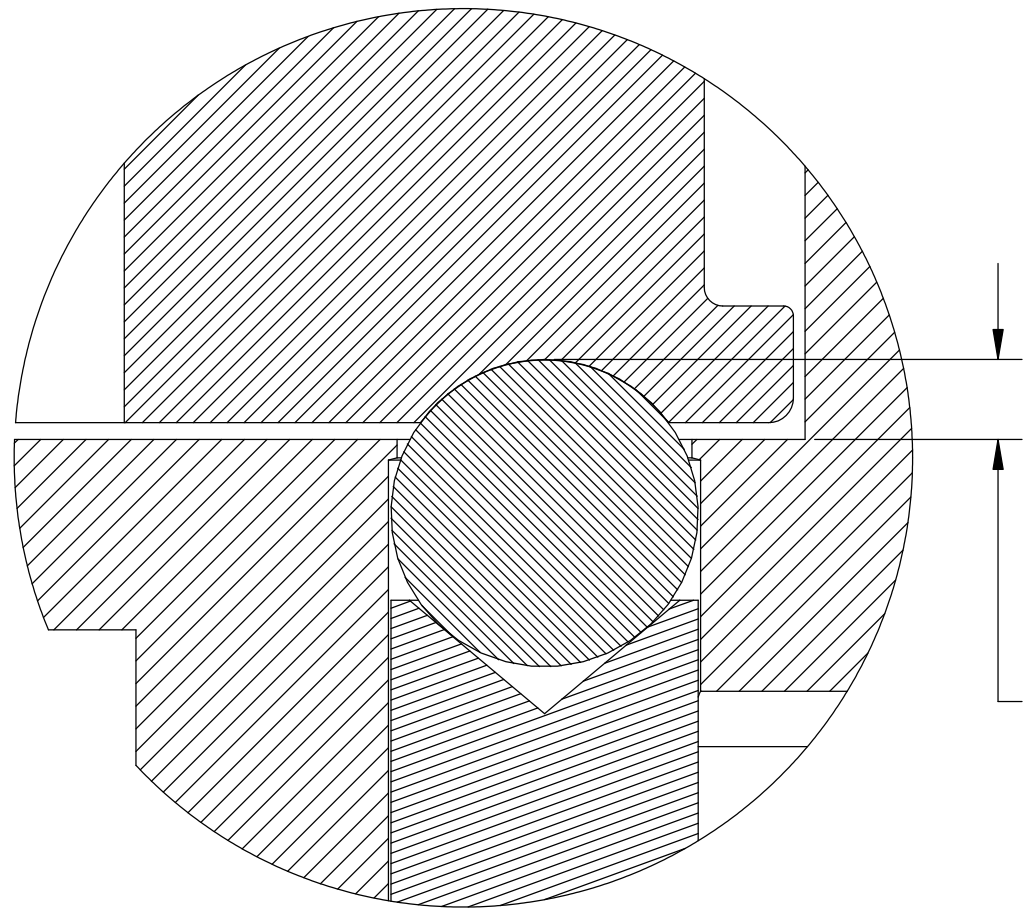
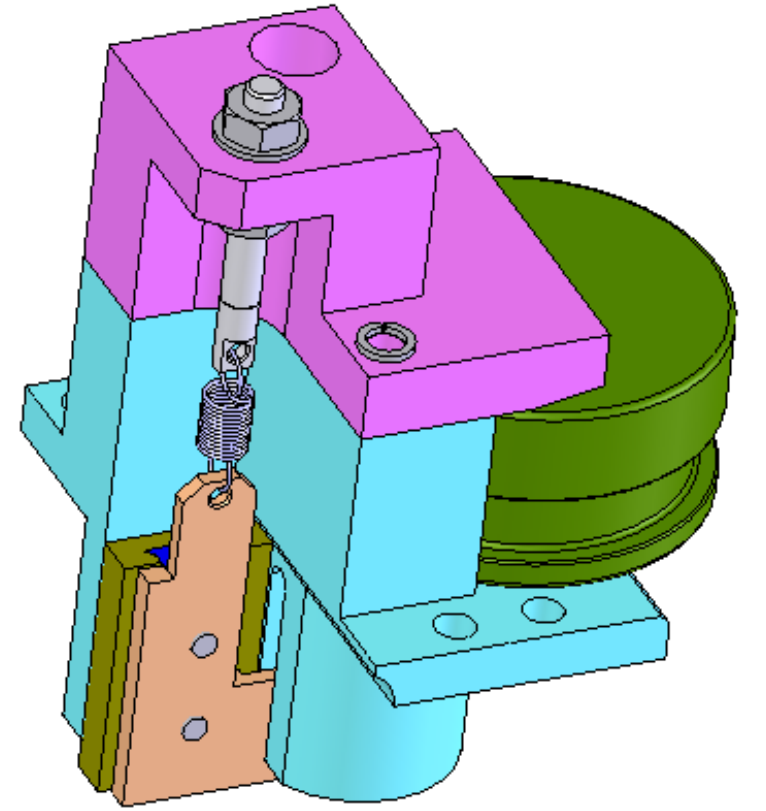
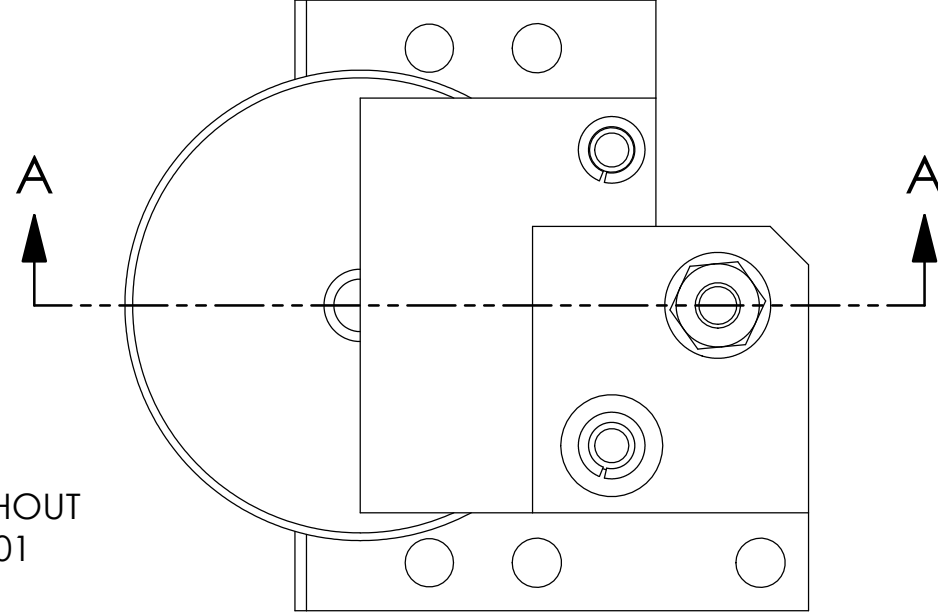
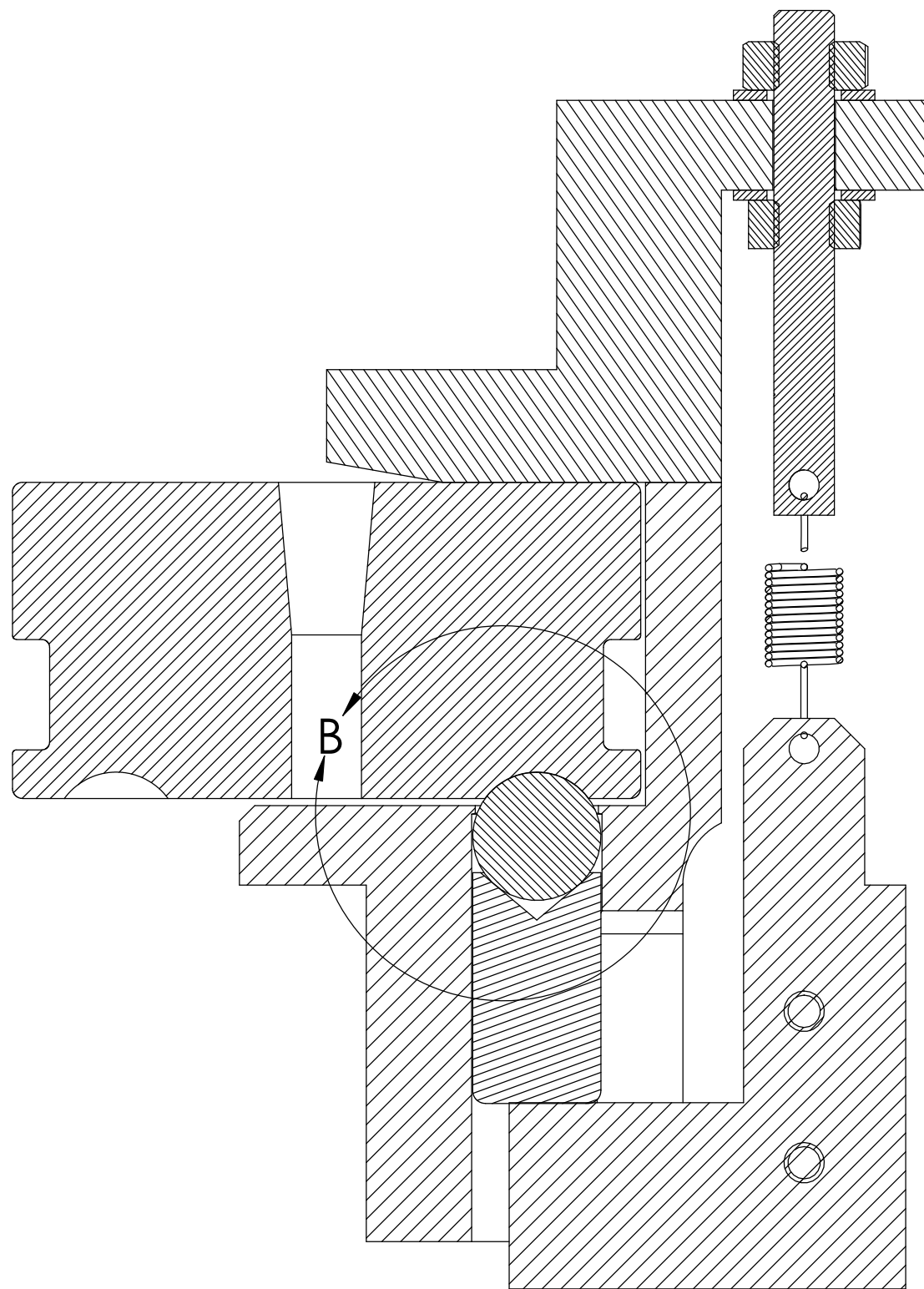




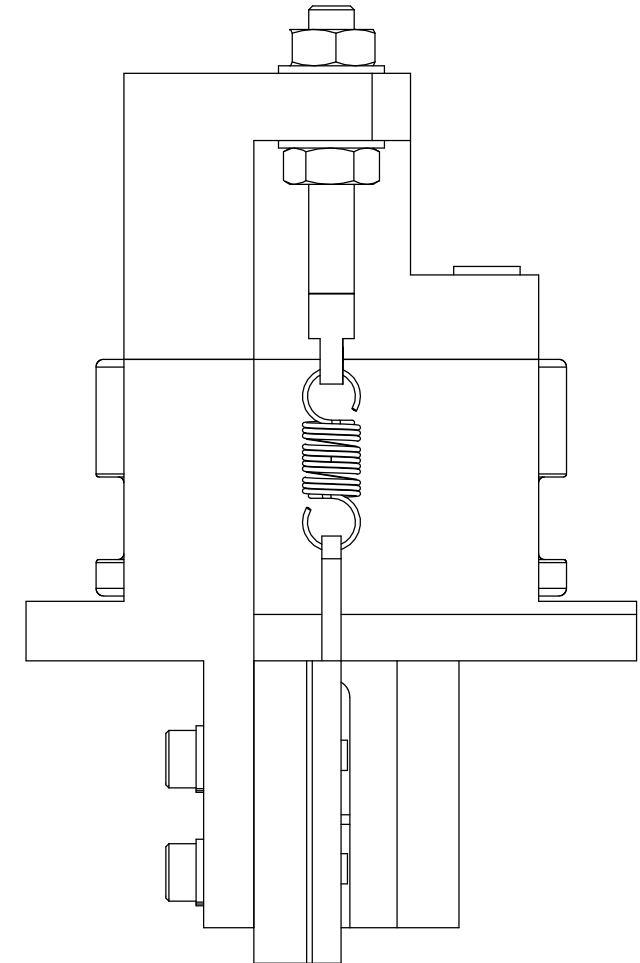
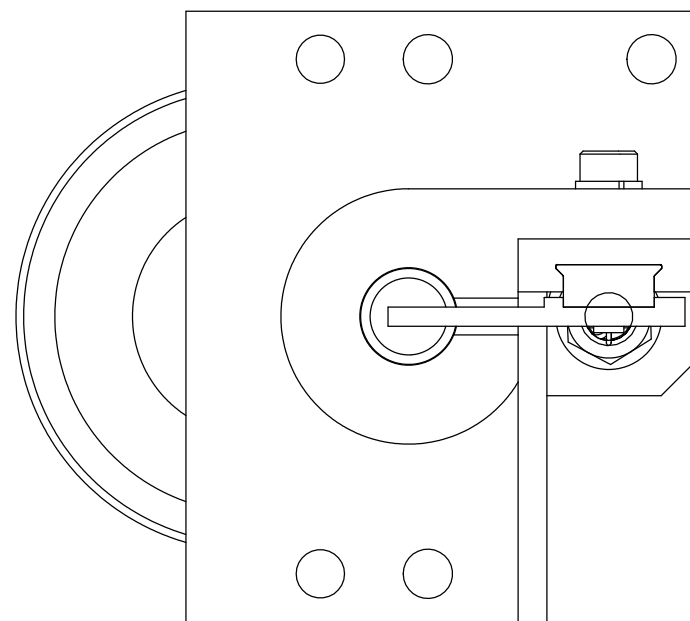
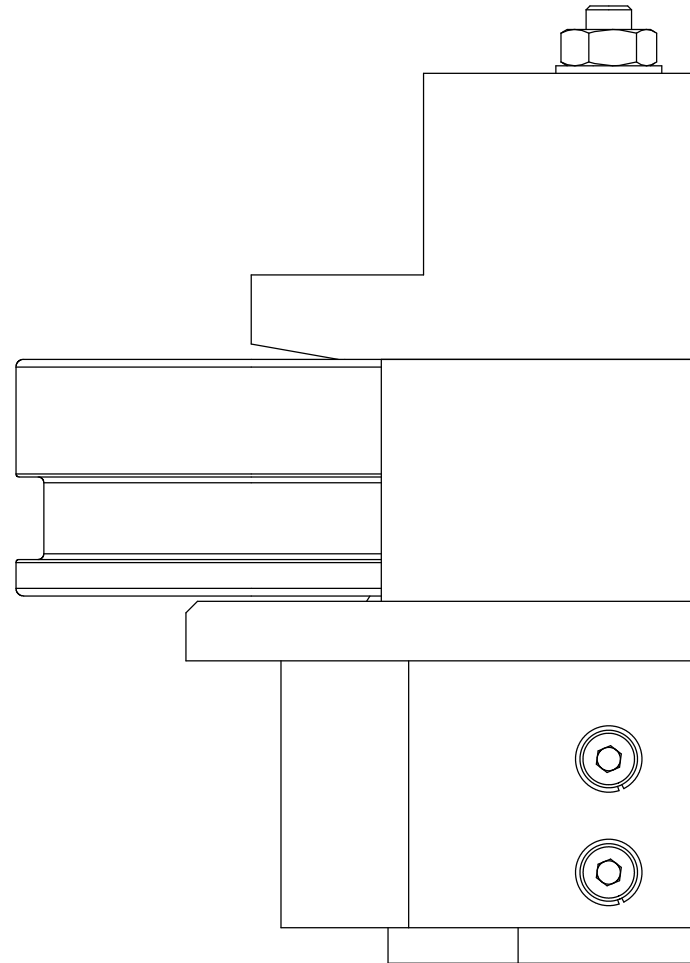
BALL TO PROTRUDE .065 WITHOUT
HITTING LIP OF 1002573-001
(DETAIL D, SHEET 2)



DETAIL B



SECTION A-A



BILL OF MATERIALS				last updated on: Thursday, March 30, 2006 2:17:18 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 ϕ .089 ∇ .475 MIN
4-40 UNC - 2B ∇ .400 MIN

ϕ .1260 $^{+.0000}_{-.0006}$ THRU

3X ϕ .129 THRU ALL

2X R.045 $\pm$.010

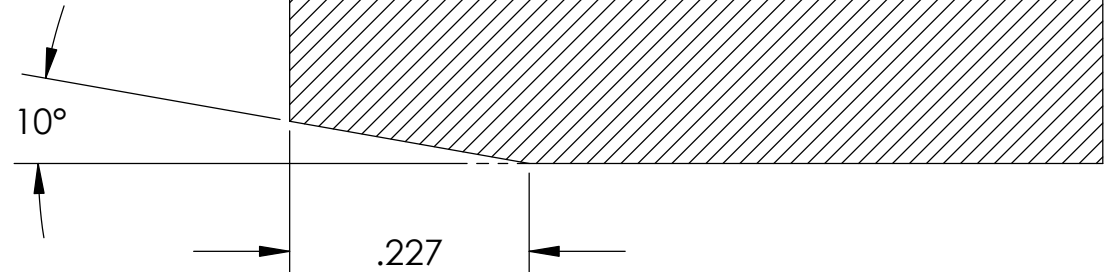
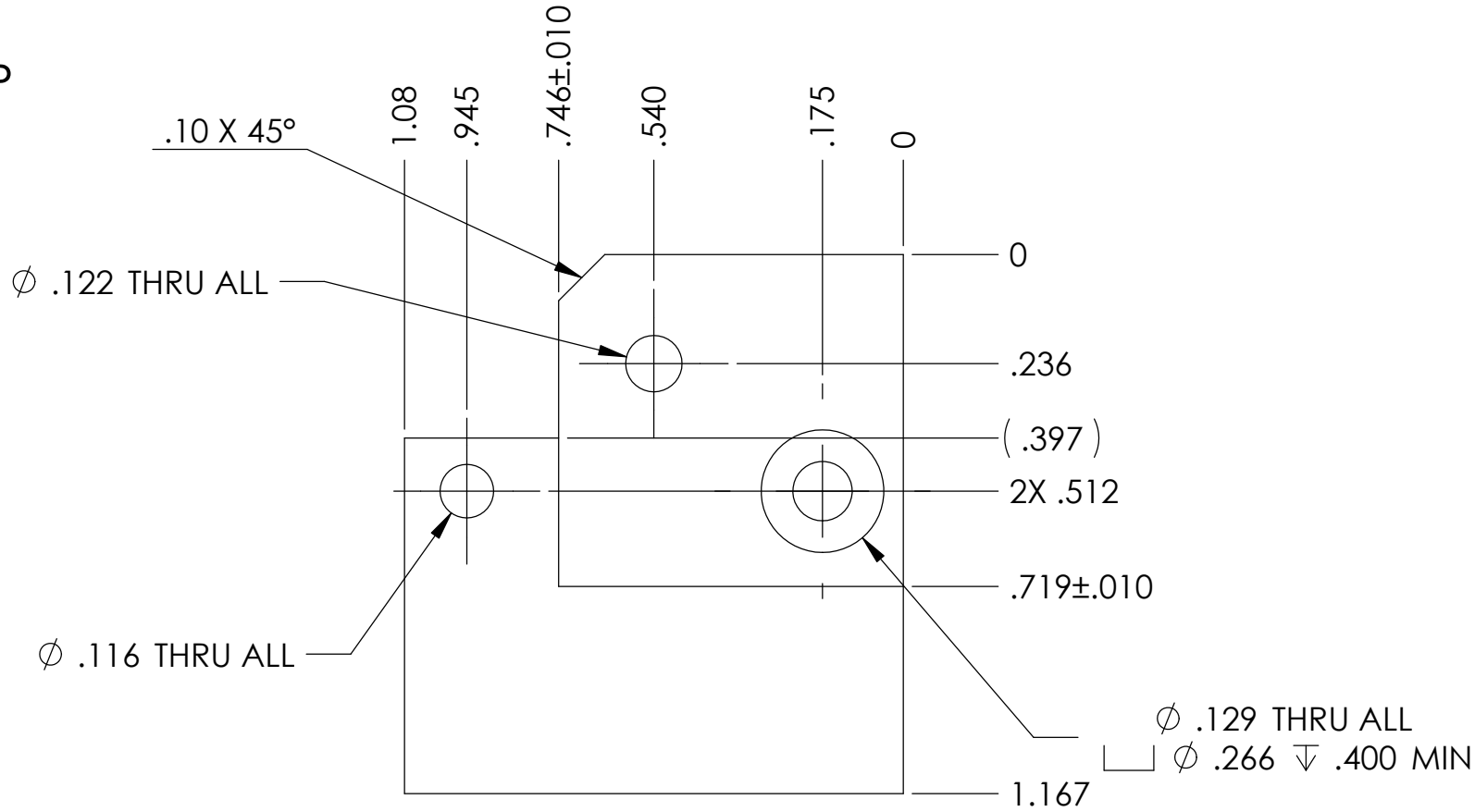
SECTION C-C

DETAIL D

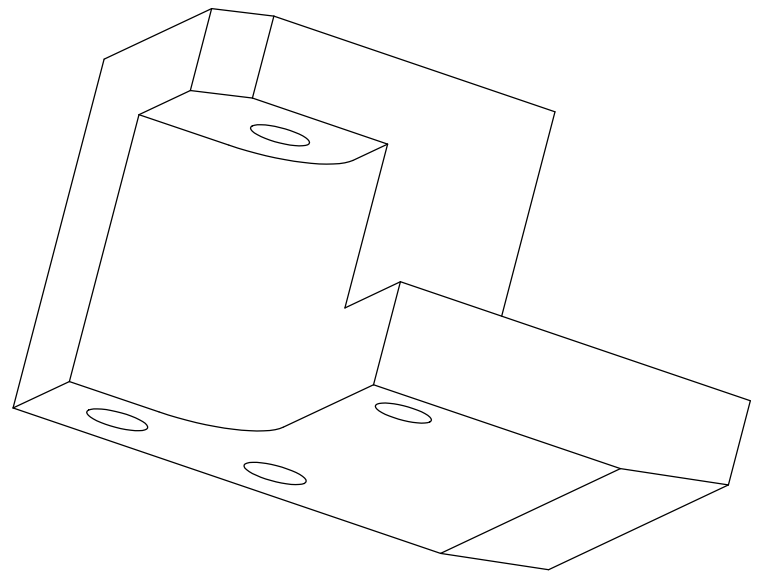
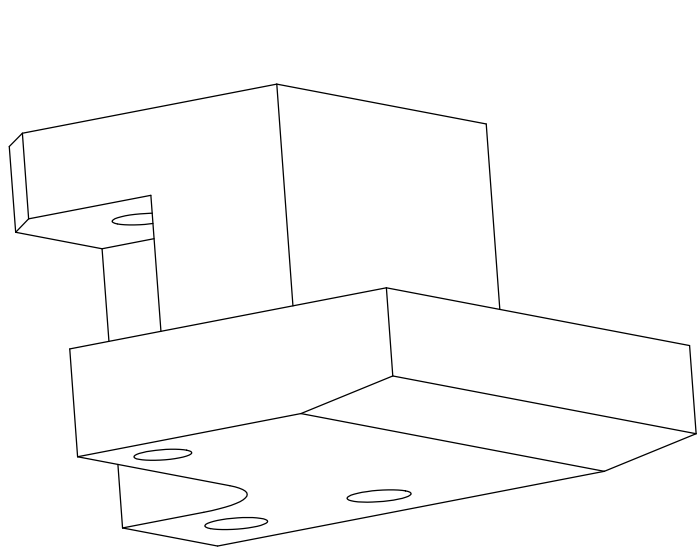
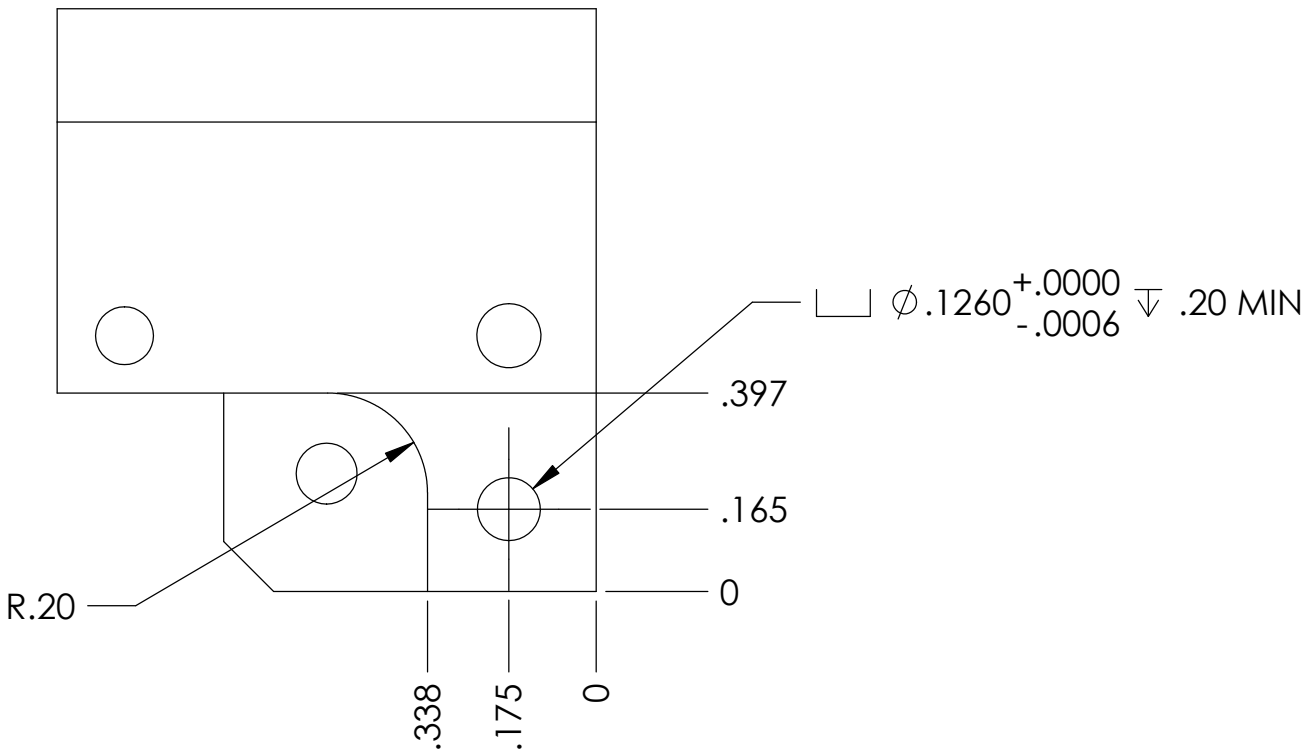
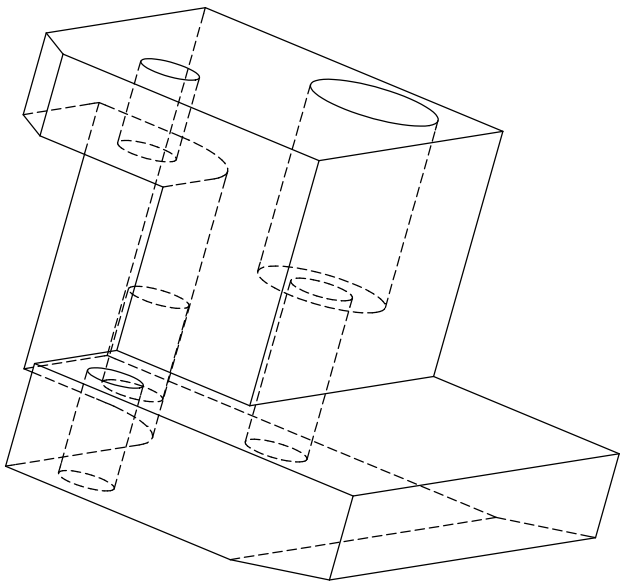
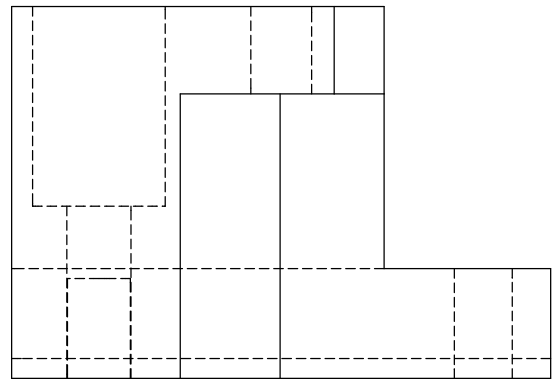
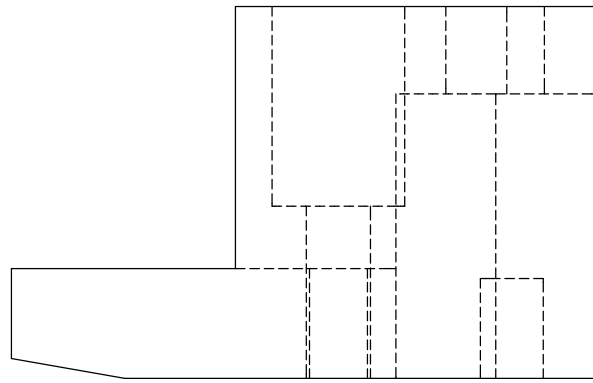
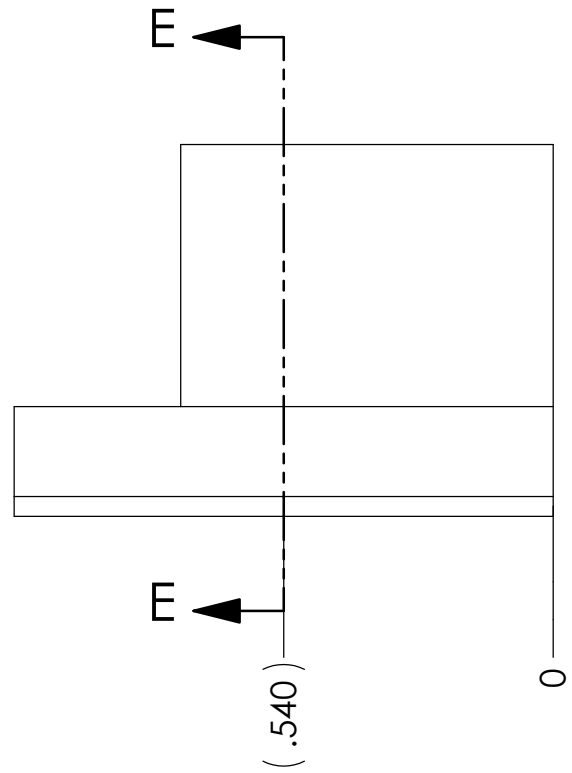
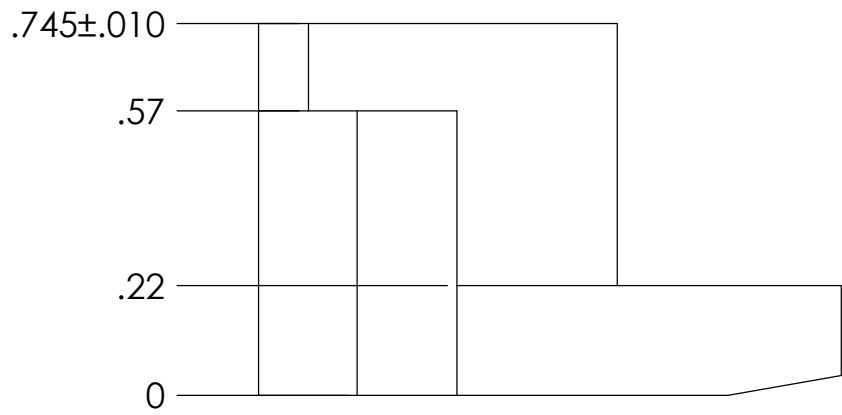
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	1002573-001	Flush Puck Holder - BASE	DELIN AF	1
BILL OF MATERIALS			last updated on: Thursday, March 30, 2006 2:17:18 PM	
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS	DATE
Inspector		2 PLACE DIM $\pm$.01	ENGINEER	Jason Feldman
Shop Foreman		3 PLACE DIM $\pm$.005	831-775-1837	
Engineer		4 PLACE DIM $\pm$.0005	CHECKED	
NEXT ASSY Description		NEXT ASSY Number	PROJECT NUMBER	900327.00
DO NOT SCALE DRAWING			PROJECT	ESP
			SIZE	C
			DWG. NO.	1002573
			REV.	A
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

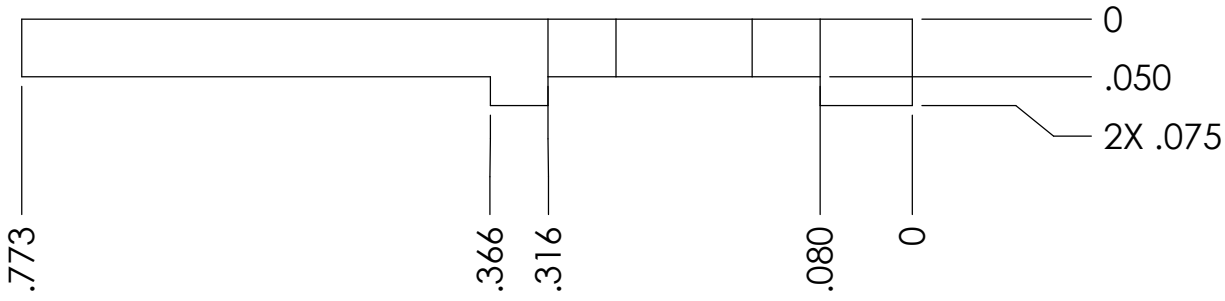
BILL OF MATERIALS				last updated on: Thursday, March 30, 2006 2:17:18 PM	
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		2 PLACE DIM ±.01	3 PLACE DIM ±.005	4 PLACE DIM ±.0005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING 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		PROJECT NUMBER 900327.00		PROJECT ESP	
NEXT ASSY Description	NEXT ASSY Number	SIZE C		DWG. NO. 1002573	
DO NOT SCALE DRAWING		CAD 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	

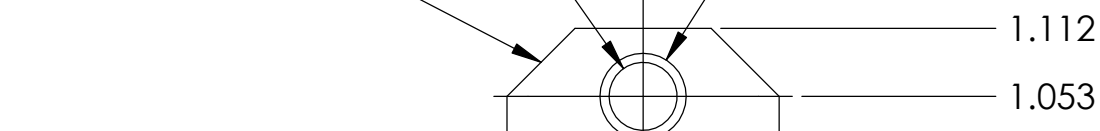
M B A R I	
	

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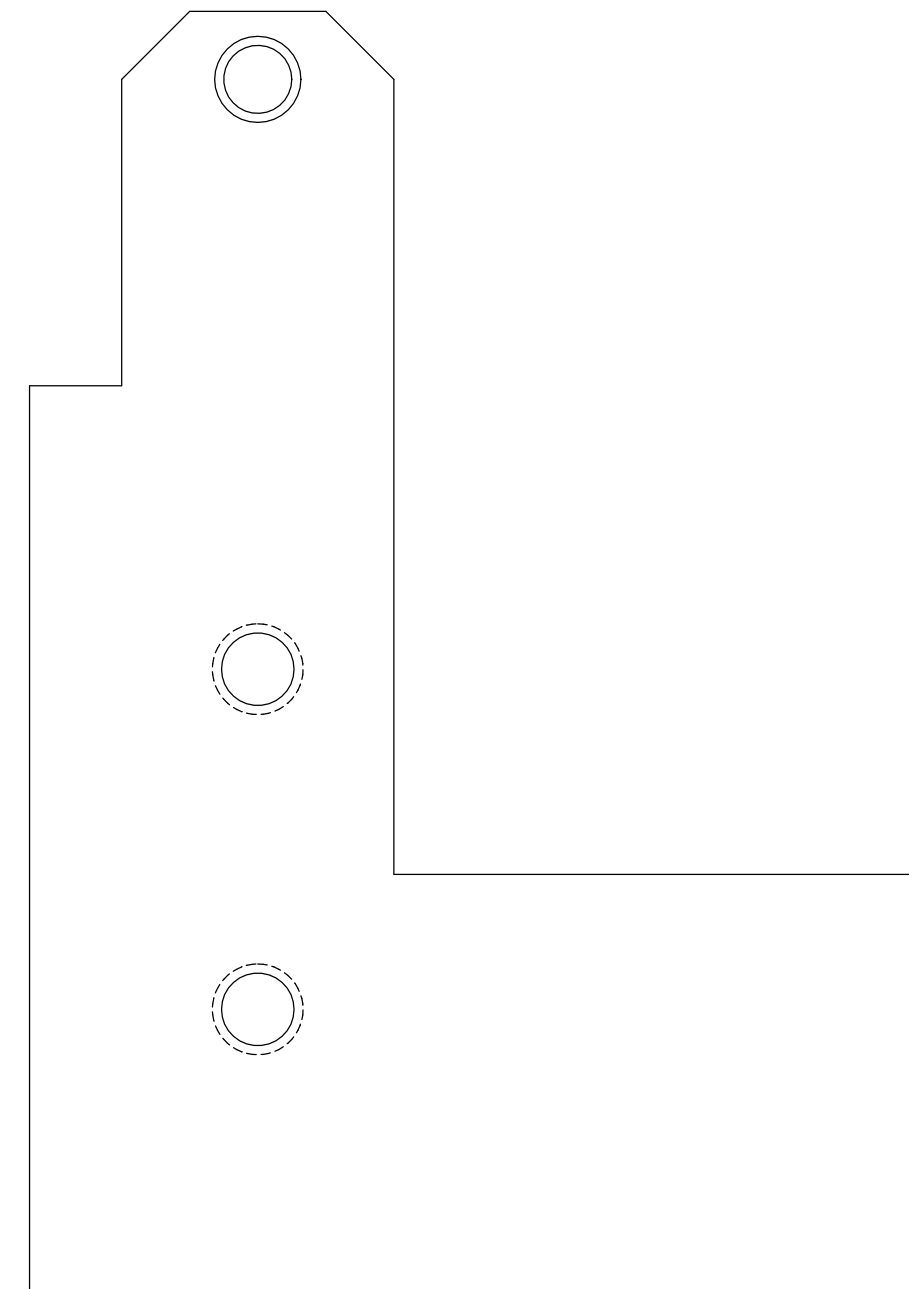
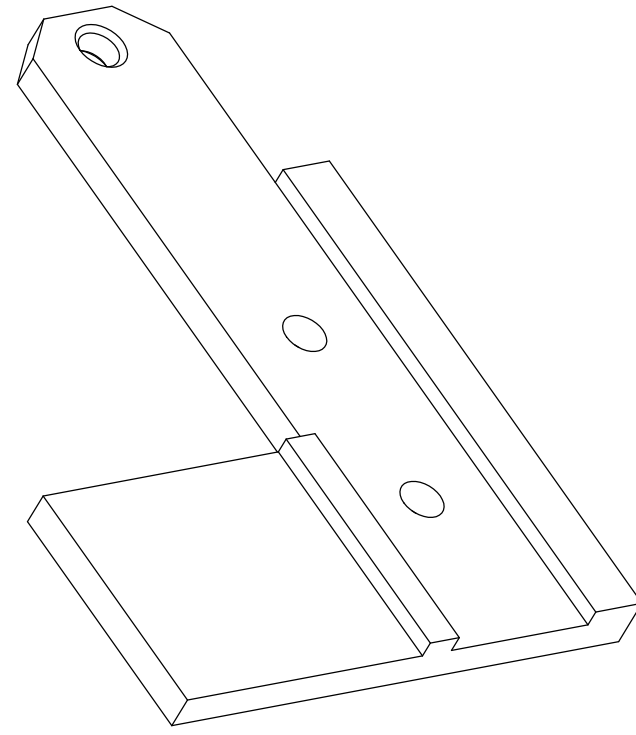
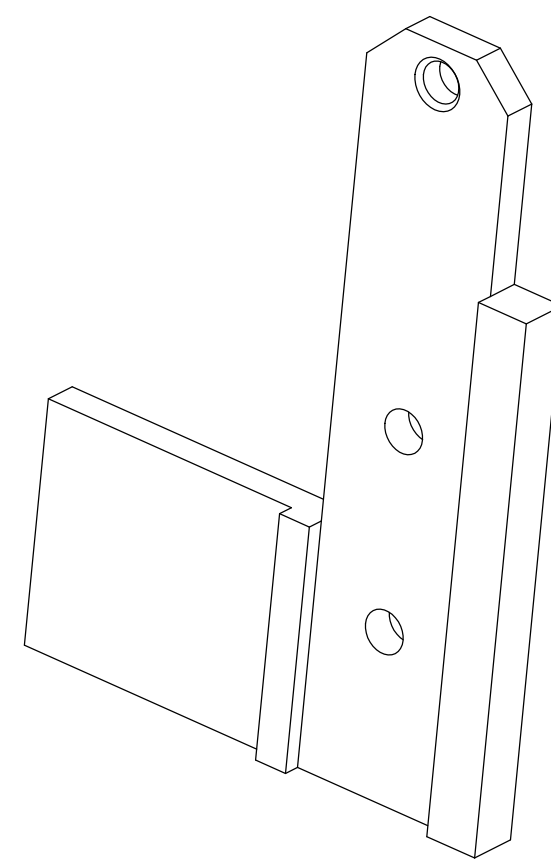
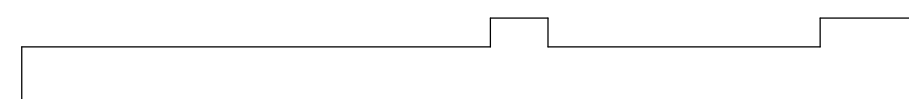
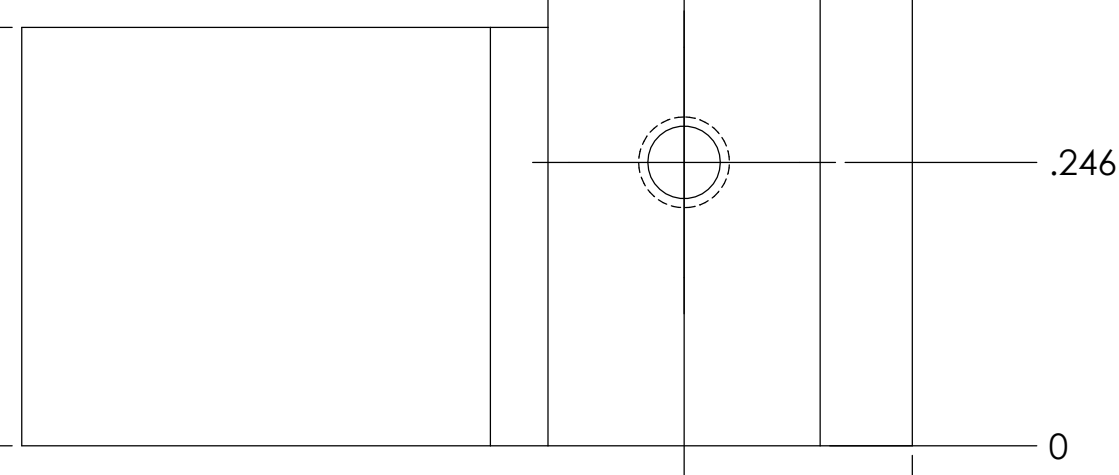
1002573-003
FLUSH PUCK HOLDER - ARM



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



$2X \phi .063$ THRU ALL
M2x0.4 - 6H THRU ALL

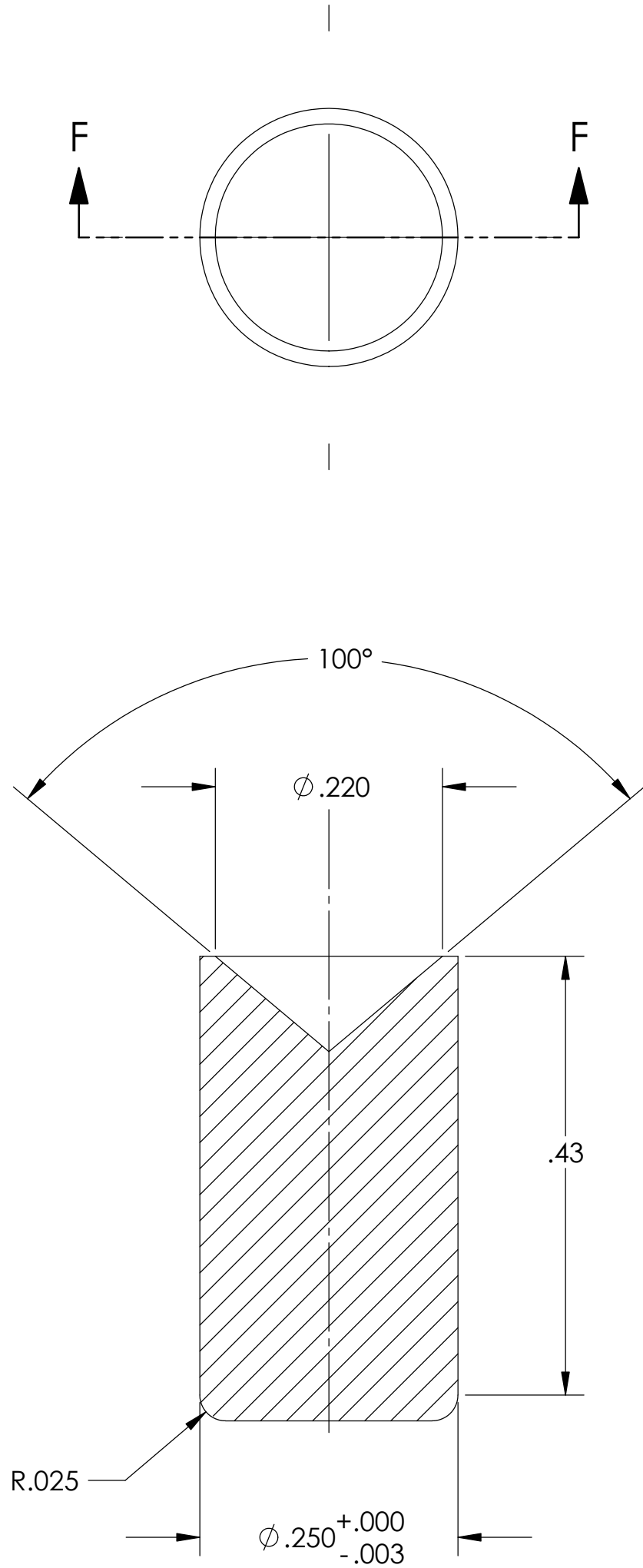


ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
3	1002573-003	Flush Puck Holder - ARM	Titanium	1
BILL OF MATERIALS			last updated on: Thursday, March 30, 2006 2:17:18 PM	
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		
Inspector	2 PLACE DIM ±.01		APPROVALS DATE ENGINEER Jason Feldman 831-775-1837	
Shop Foreman	3 PLACE DIM ±.005		CHECKED	
Engineer	4 PLACE DIM ±.0003		PROJECT NUMBER 900327.00	
NEXT ASSY Description	NEXT ASSY Number	SIZE C		
DO NOT SCALE DRAWING		DWG. NO. 1002573		
		REV. A		
		SHEET 4 OF 5		

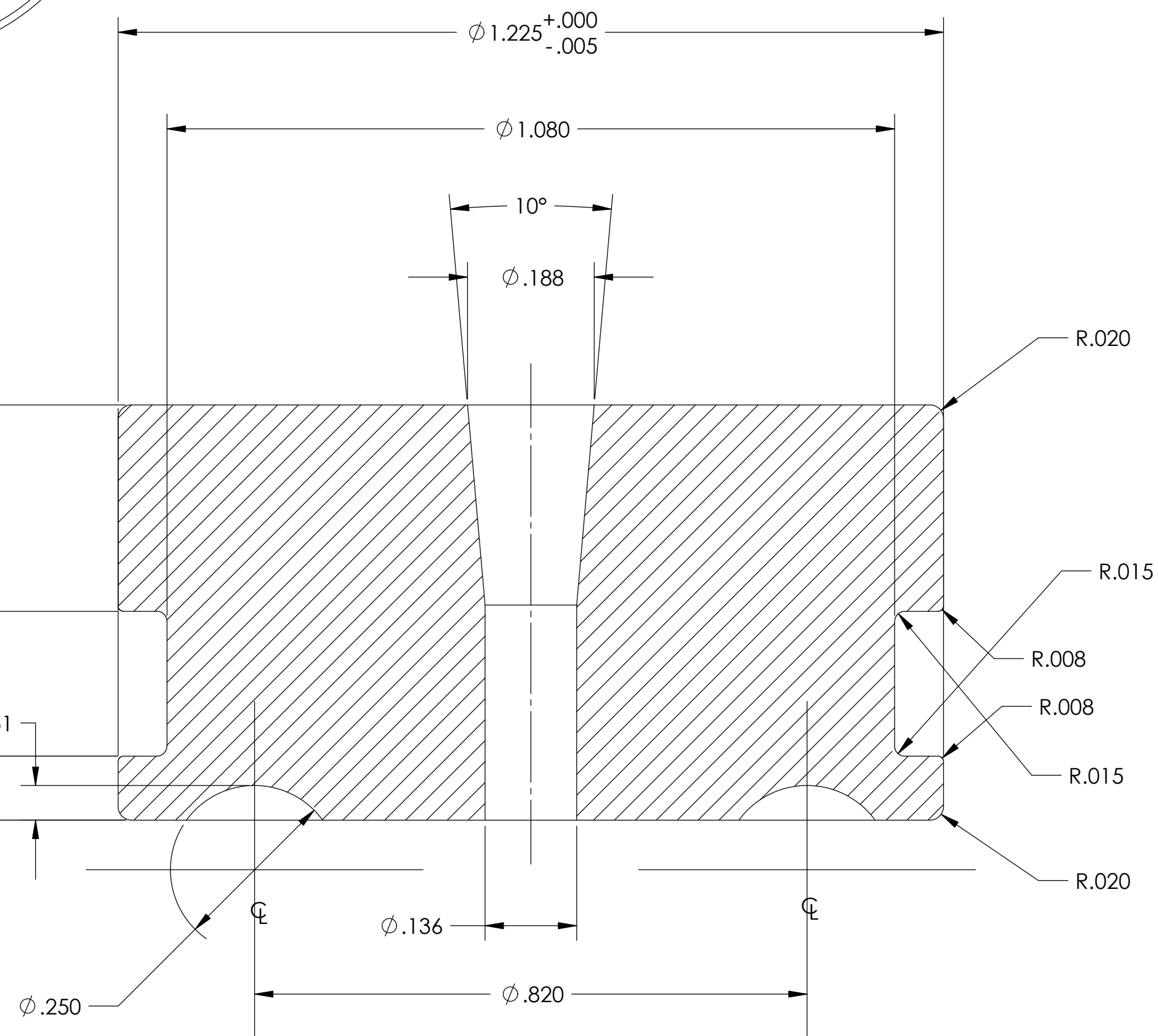
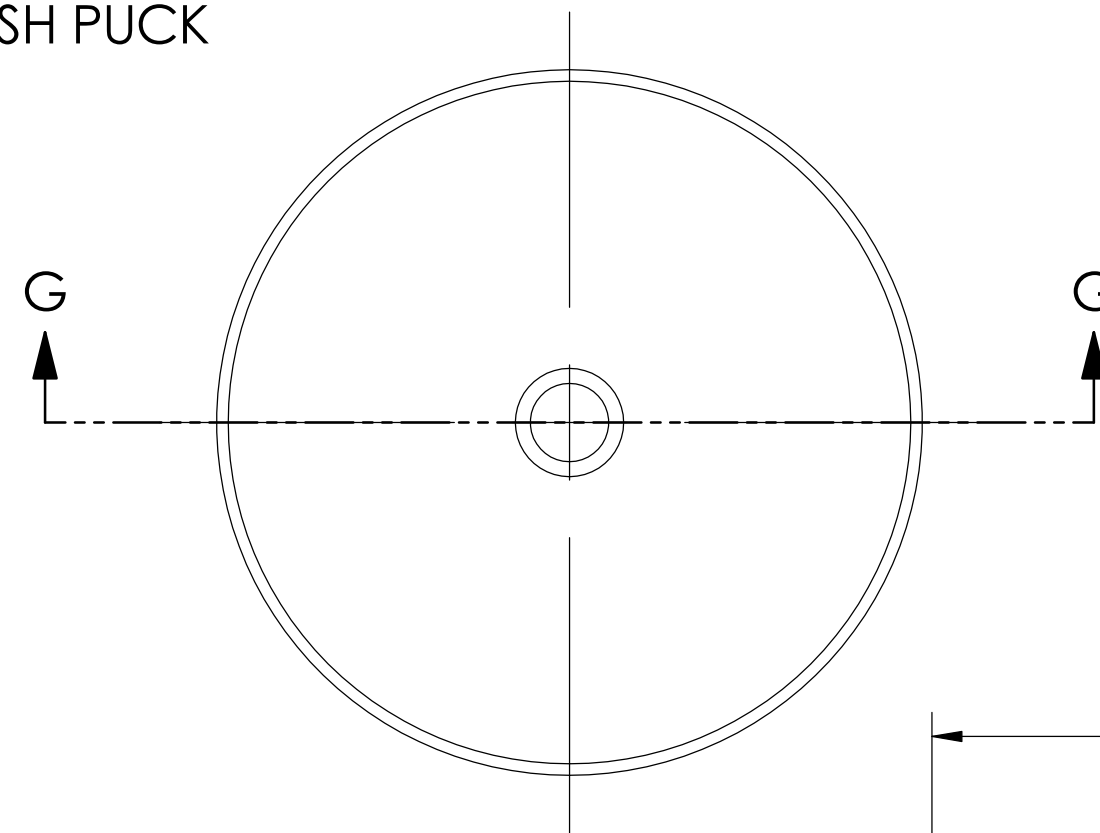
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1002573-004
FLUSH PUCK HOLDER - LIFTER

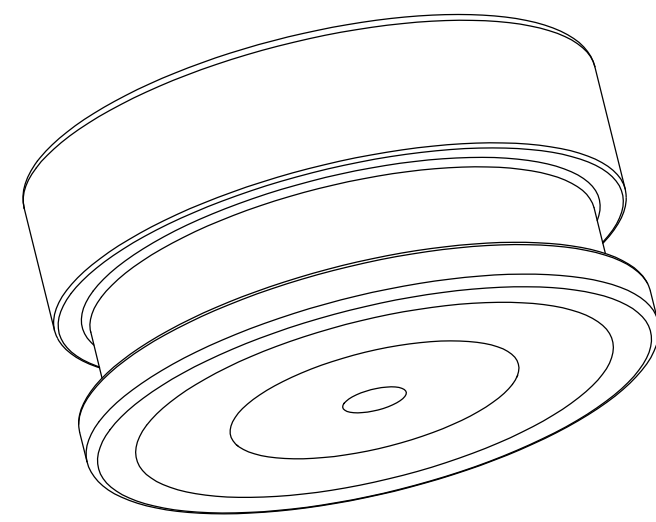
1002573-005
FLUSH PUCK



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	1

BILL OF MATERIALS				last updated on: Thursday, March 30, 2006 2:17:18 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 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				
Engineer		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				
		PROJECT NUMBER 900327.00		flush puck holder		
		PROJECT ESP		SIZE C	DWG. NO. 1002573	REV. A
CAD FILE: X:\701312 ESP 2G\SolidWorks files\1002468 (lab stand)				SHEET 5 OF 5		