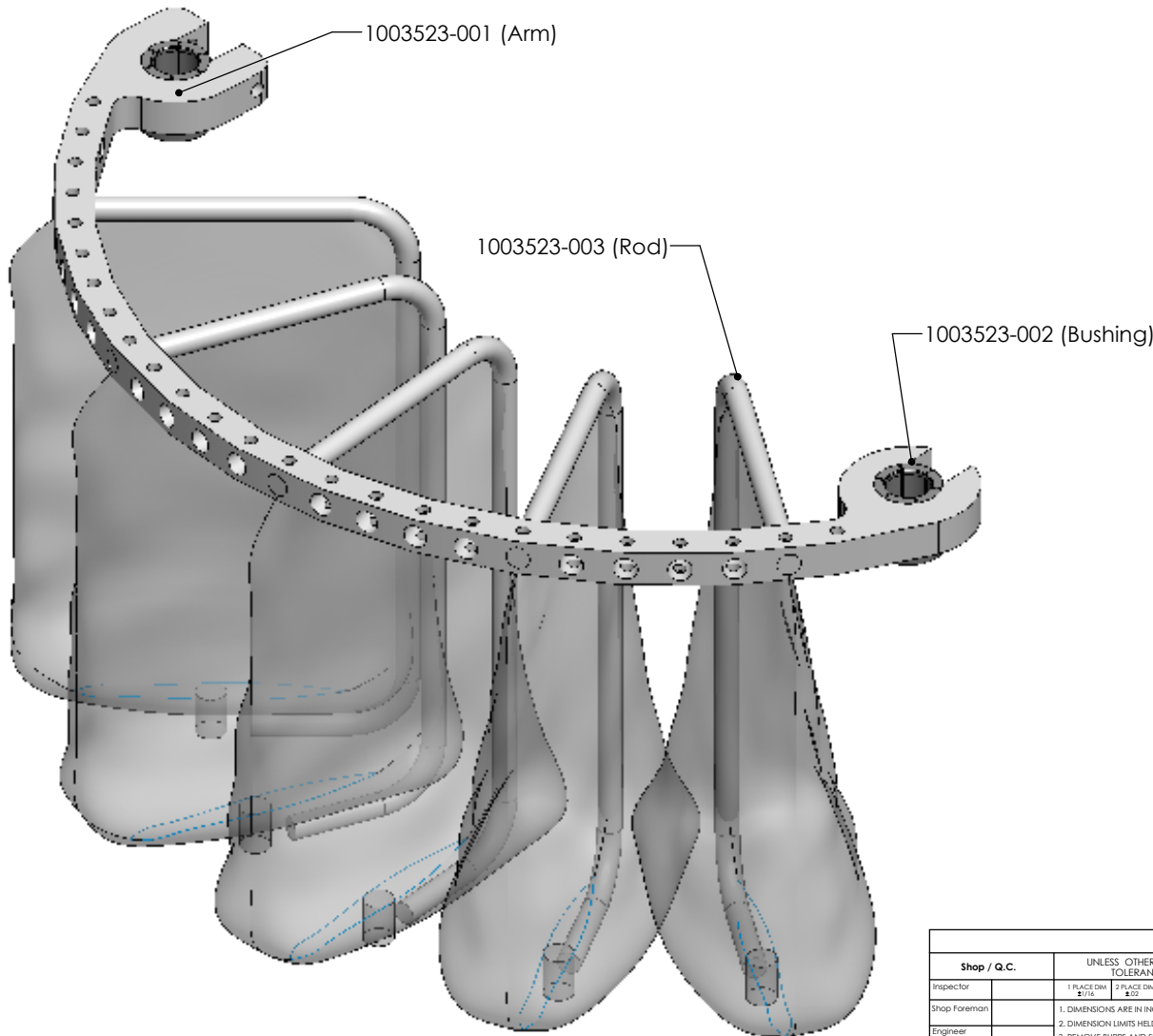


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	5/07	MP

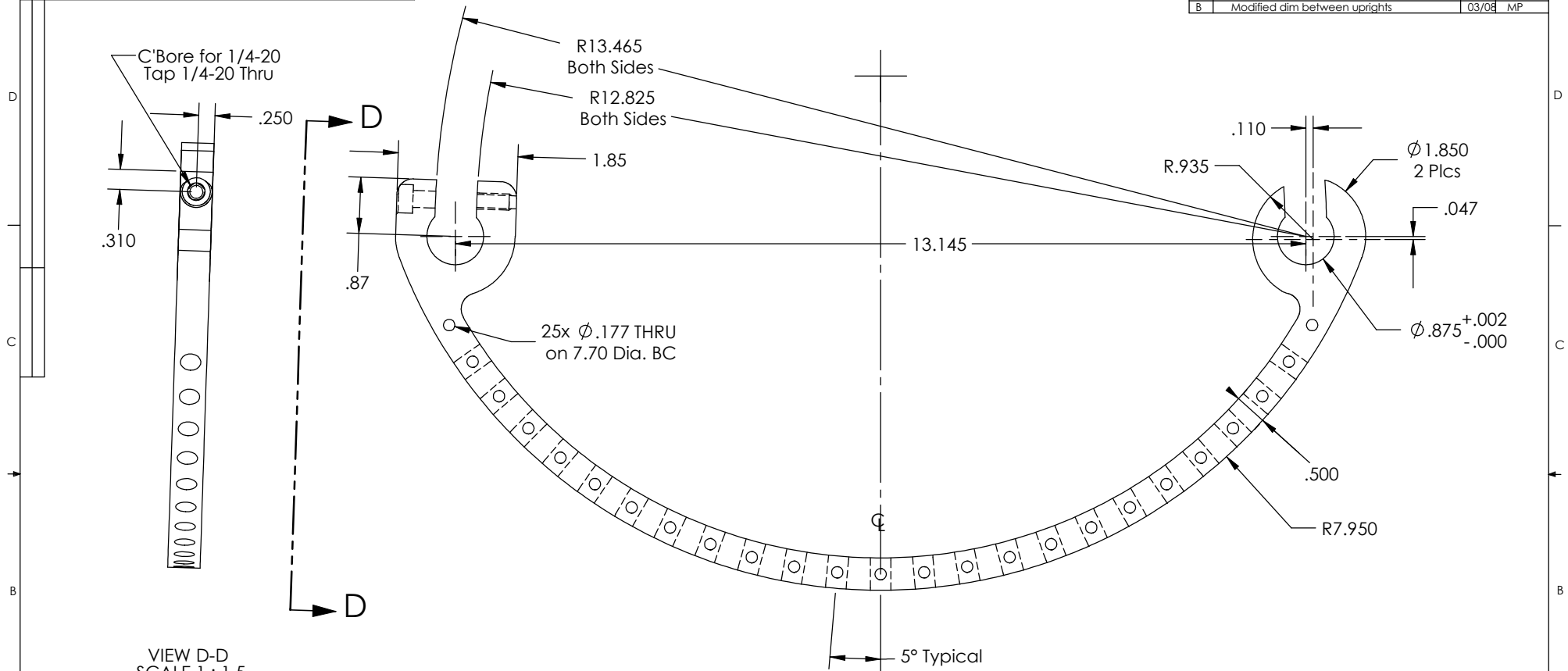


BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute	
Inspector		1 PLACE DIM ±.016	2 PLACE DIM ±.02	3 PLACE DIM ±.05	ANGLES ±	DRAWN MICHAEL PARKER	5/29/07		MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700
Shop Foreman		1. DIMENSIONS ARE IN INCHES				CHECKED MICHAEL PARKER	5/29/07		
Engineer		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.				PROJECT NO. 701312	1003523 (Bag Holding)		
NEXT ASSY Description	NEXT ASSY Number					PROJECT ESP2G			
						SCALE 1:1			
						Application DO NOT SCALE DRAWING	CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 4		
						WEIGHT			

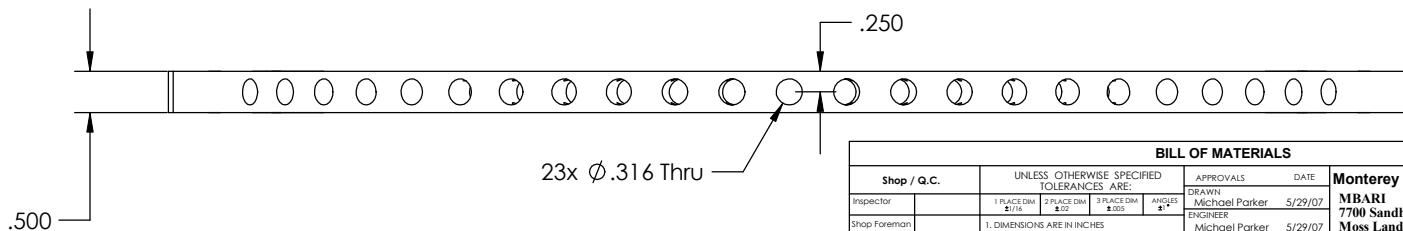
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	Modified dim between uprights	03/08	MP



VIEW D-D
SCALE 1 : 1.5

1003523-001
Arm



Material: 6061-T6 Aluminum
Qty: 2

BILL OF MATERIALS

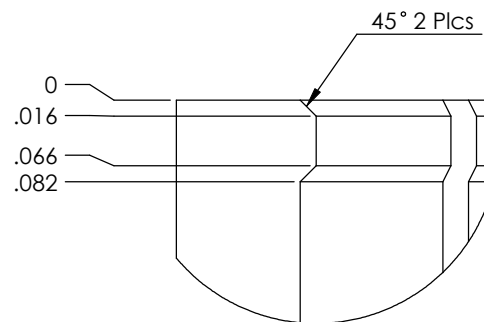
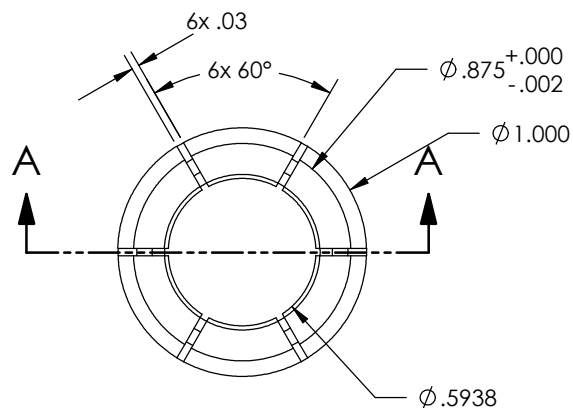
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 			
Inspector		1 PLACE DIM ±.016	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±.5°	DRAWN Michael Parker	5/29/07					
Shop 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 Michael Parker	5/29/07					
Engineer						CHECKED						
NEXT ASSY Description						NEXT ASSY Number		PROJECT NO. 701312				
						PROJECT ESP2G	Bag Holding - Arm					
Application		DO NOT SCALE DRAWING				WEIGHT	SIZE B	DWG. NO. 1003523				REV. B
							SCALE 1:1	CADD FILE: MECH ENG ON TORNO				SHEET 2 OF 4



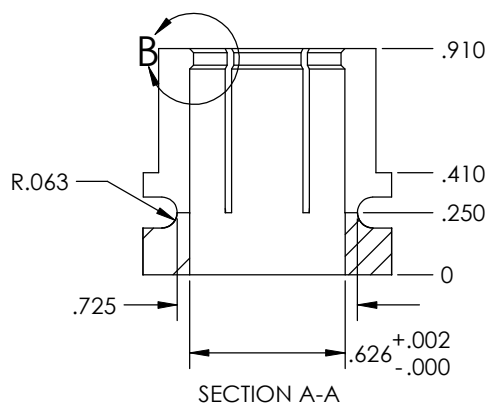
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	5/07	MP

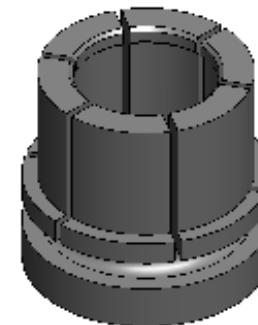
1003523-002 Bushings



DETAIL B
SCALE 8 : 1



Material: Black Acetal
Quantity: 4



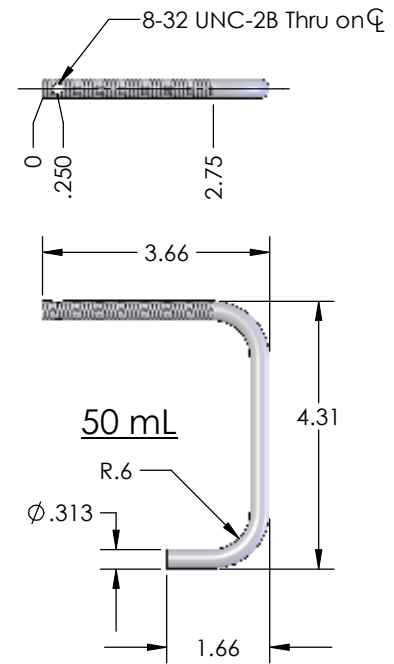
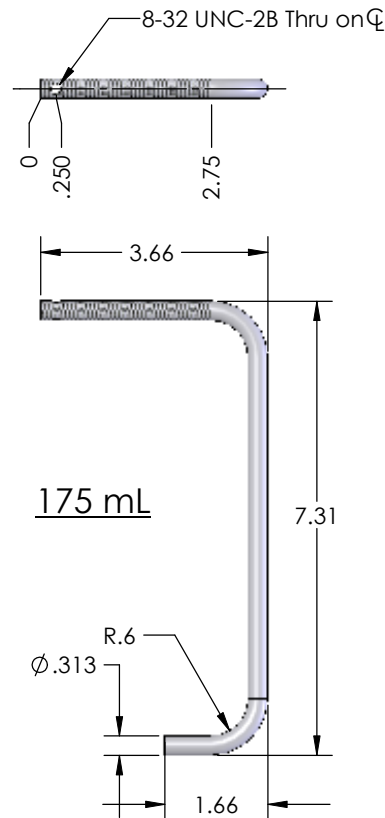
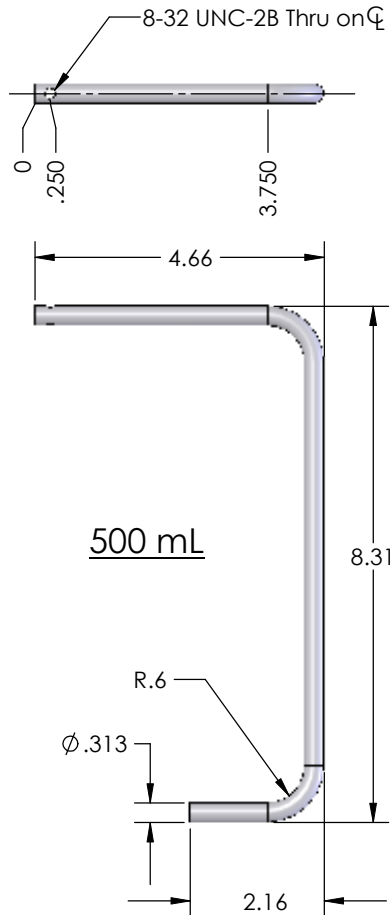
BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700			
Inspector		1 PLACE DIM ±.016	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±	DRAWN Michael Parker	5/29/07				
Shop Foreman		1. DIMENSIONS ARE IN INCHES					ENGINEER Michael Parker			5/29/07	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .015-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX. 0.12 INCHES FOR SINGLE SURFACE.				CHECKED					
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 701312				Bag Holding - Bushings	
						PROJECT ESP2G					
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B	DWG. NO. 1003523	REV A	
								SCALE 2:1	CAD FILE: MECH ENG ON TORNADO	SHEET 3 OF 4	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	5/07	MP
B	Deleted Large Hanger	02/08	MP

1003523-004,-5,-6



Material: 6061-T6 Aluminum

BILL OF MATERIALS			
Shop / Q.C.	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		
Inspector	1 PLACE DIM ±.014	2 PLACE DIM ±.02	3 PLACE DIM ±.005
Shop Foreman	1. DIMENSIONS ARE IN INCHES	2. DIMENSION LIMITS HELD AFTER PLATING.	3. REMOVE BURRS AND SHARP EDGES .015 MAX.
Engineer	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.
NEXT ASSY Description	NEXT ASSY Number	PROJECT NO. 701312	PROJECT ESP2G
Application	DO NOT SCALE DRAWING	WEIGHT	SCALE 2:1
APPROVALS DATE			DATE
DRAWN Michael Parker			5/29/07
ENGINEER Michael Parker			5/29/07
CHECKED			
PROJECT NO. 701312			
PROJECT ESP2G			
SIZE B			DWG. NO. 1003523
SCALE 2:1			CAD FILE: MECH ENG ON TORNADO SHEET 4 OF 4

Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700



Bag Holding - Rods

REV. B