

1. Dim. Tol. 1.000 +/- .018 x .125 +/- .008

TOP VIEW

Technical drawing of a rectangular plate with the following specifications:

- Overall length: 44.81
- Overall width: 2.000
- Distance from left edge to first hole: 3.000
- Hole pattern: 18X 2.000 (18 holes spaced 2.000 apart)
- Distance from last hole to right edge: 1.000
- Hole specifications: 21X ϕ .136 THRU and 21X #8-32 Tapped Hole THRU ALL
- Orientation: AFT END (Arrow pointing to the right)

SIDE VIEW

Technical drawing of a shaft assembly. The drawing includes a side view and a detail view of the end.

Side View:

- Overall length: 44.81
- Diameter: .005
- Feature A is indicated at the left end.
- Feature A is also indicated at the right end.
- 16X 2.000 (Holes)
- 19X Ø.136 THRU ALL
- 19X #8-32 Tapped Hole THRU ALL

Detail View (End View):

- Length: 1.000 (STOCK)
- Diameter: .005
- Feature A is indicated.
- 1.000 (STOCK)
- .125 (STOCK)
- 1.000 (STOCK)

1	1	P-200569-21	Chassis Square TieRod	MBARI	6061-T6 Alloy
ITEM NO.	QTY.	Part Number	DESCRIPTION	Vendor	MATERIAL

BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute			
Inspector		1 PLACE DIM ±.1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN J. ERICKSON	7/14/08				MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
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 J. ERICKSON	7/14/08						
Engineer						CHECKED B.H. 3/09/09							
						PROJECT NO. 902010							
NEXT ASSY Description	NEXT ASSY Number					PROJECT MESOPELAGIC			MESOPELAGIC - LRAUV Chassis Square TieRod				
	A-200579-08								SIZE B	DWG. NO. P-200569-21.DWG		REV.	
Application		DO NOT SCALE DRAWING				WEIGHT 1.897 lb.			SCALE 1:8	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 1		

9. Q.C. (INSPECTION) REPORT REQUIRED FOR EACH PIECE.

8. DO NOT ANODIZE.

7. PROJECT LIBRARY:\900739.LRAUV\Project.Drawings\Project.ME.Dwgs\LRAUV\Chassis

NOTES: (CONT. FROM TITLE BLOCK)