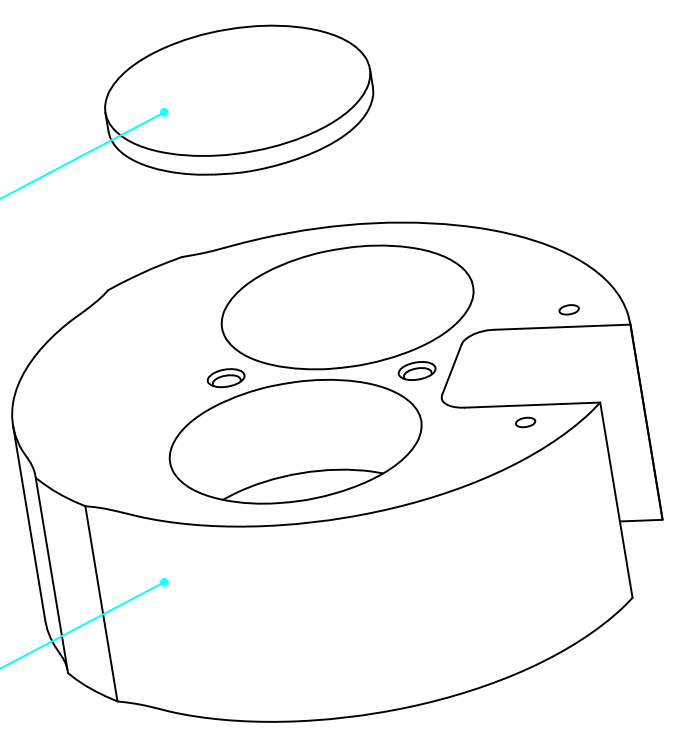


ZONE	REV	DESCRIPTION	DATE	APPROVED



REV	QTY	DESCRIPTION	MATERIAL	REF. SHEET/DWG.
2	1	EA LENS	BK7	220mm FL LENS
1	1	EA LENS STATION	ALUMINUM 6061	2016901.01

PARTS LIST			PERMISSIBLE VARIATION IN INCH DIMENSIONS WITHOUT TOLERANCES		
FABRICATION TOLERANCES	BELT 12	±0.10	BEQUAL PLACES X & XX	XXX	XXX
	12 TO 60	±0.13	BELOW 18	±0.015	±0.010
	60 TO 180	±0.20	18 TO 48	±0.030	±0.020
	OVER 180	±0.30	OVER 48	±0.045	±0.015
			ANGLE TOLERANCE ±0.5°		±0.015

SURFACE TEXTURE	
	125

MACHINING TOLERANCES	
ANGLE TOLERANCE ±0.1°	



UNLESS OTHERWISE SPECIFIED:  
 1. DIMENSIONS ARE IN INCHES  
 2. MACHINE SURFACES TO BE FLAT, SQUARE, PARALLEL & CONCENTRIC  
 3. HIDDEN LINES (EXCEPT COMMERCIAL PARTS) WITH DWS.  
 4. BREAK ALL SHARP CORNERS 01° x 45° CHAMFER.  
 5. FILETS SHOWN SHARP = .04 RAD.  
 6. TAPPED HOLES UNITED CLASS 2B THREAD, MIN DEPTH 1.5 x DIA.  
 7. CSUNK BORED & REAMED HOLES 1/16 x 45°.  
 8. GROOVES PERmissible.  
 9. ALL DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.  
 10. ALL WELDING TO CONFORM TO LATEST A.M.S. STANDARDS

REV	QTY	DESCRIPTION	DATE	APPROVED
20	1	PROJECT NUMBER		
2016901.00	1	SHAWING NUMBER		
1 OF 1	1	SHEET		
		REVISION		A

**ATLAS**  
**BRANDEIS**  
 NSV IN-BAR ALIGNMENT  
 ETL-ETS BAR  
 LENS STATION ASSEMBLY

DATE	BY	CHKD	APP'D
06/23/15	ANDREI	ES	

NSV IN-BAR ALIGNMENT  
 ETL-ETS BAR  
 LENS STATION ASSEMBLY  
 HIGH ENERGY PHYSICS LABORATORY