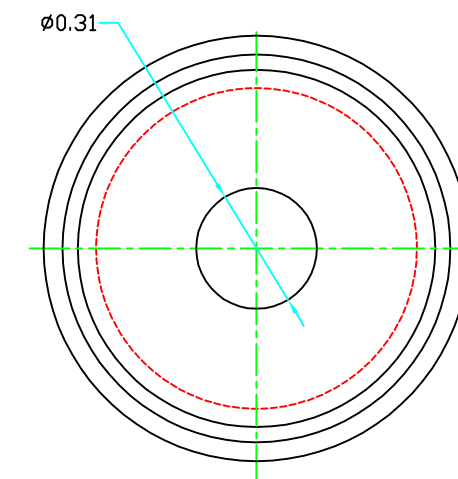
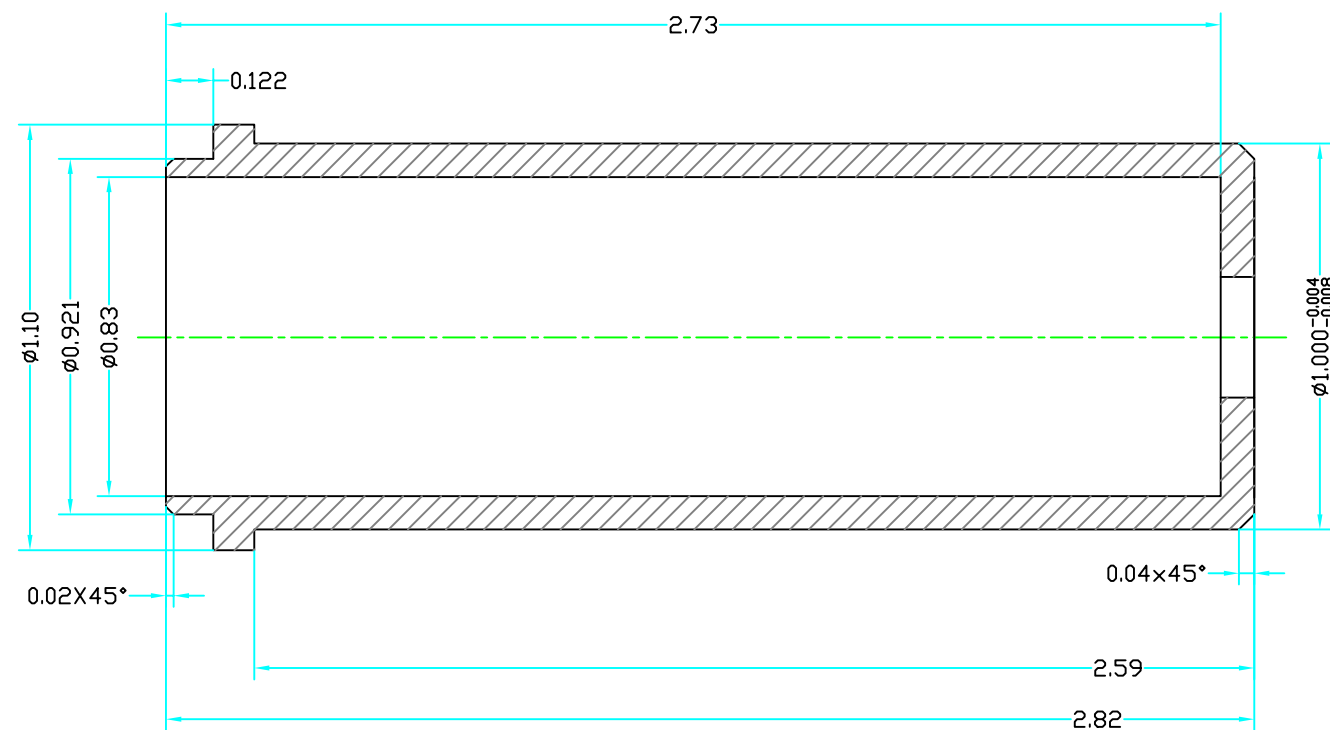


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	B	ADDED DWG #	09/28/03	J.B./N.S.



NOTES:  
 1. PLATING: BLACK ANODIZING  
 2. ALL DIMENSIONS ARE PRIOR TO PLATING.

FIND/REF.#	QTY.	U.M.	EA	COLLIM	AL 6061	PART DESCRIPTION	REF. SHEET/DWG.		
PARTS LIST									
UNLESS OTHERWISE SPECIFIED:				PERMISSIBLE VARIATION IN INCH DIMENSIONS WITHOUT TOLERANCES					
1. DIMENSIONS ARE IN INCHES.				FABRICATION TOLERANCES					
2. MACHINE SURFACES TO BE FLAT, SQUARE, PARALLEL & CONCENTRIC WITHIN .001 FOR 5 INCHES OR .001 TIR AS APPLICABLE.				MACHINING TOLERANCES					
3. MARK ALL DETAILS (EXEMPT COMMERCIAL PARTS) WITH DWG. & ITEM NUMBER.				BELOW 12	±0.10	DECIMAL PLACES	X & X.X	X.XX	X.XXX
4. BREAK ALL SHARP CORNERS .01 x 45° CHAMFER.				12 TO 60	±0.13	BELOW 18	±0.015	±0.010	±0.005
5. FILLETS SHOWN SHARP = .04 RAD.				60 TO 180	±0.20	18 TO 48	±0.030	±0.020	±0.010
6. TAPPED HOLES: UNIFIED CLASS 2B THREAD, MIN DEPTH 1.5 x DIA.				OVER 180	±0.30	OVER 48	±0.045	±0.030	±0.015
7. C'SINK BORED & REAMED HOLES 1/16 x 45°.				ANGLE TOLERANCE ±0.5°		ANGLE TOLERANCE ±0.1°			
8. CENTERS PERMISSIBLE.				SURFACE TEXTURE $\sqrt{125}$					
9. DO NOT SCALE DRAWING.				TOLERANCES ARE NOT ACCUMULATIVE					
10. ALL WELDING TO CONFORM TO LATEST A.W.S. STANDARDS									
NEXT ASSY	QTY	DRAWING INFORMATION		TITLE		SIZE	SCALE		
		NAME	DATE	ALIGNMENT		D	5/1		
		DRAWN	N.S. 04/03/02	INBAR					
		CHECKED	H.W. 04/03/02	COLLIMATOR					
		APPROVED							
HIGH ENERGY PHYSICS LABORATORY				PROJECT NUMBER		DRAWING NUMBER			
				220		220.51.03			
				SHEET		REVISION			
				1 OF 1		B			