



- NOTES: (UNLESS OTHERWISE SPECIFIED)
1. MATERIAL: TITANIUM Ti6Al4V (ANNEALED)
  2. THIS IS AN ULTRA HIGH VACUUM COMPONENT AND REQUIRES SPECIAL ATTENTION TO AVOID CONTAMINATION, REFER TO LBNL ENGINEERING SPECIFICATION #M20013 FOR CLEANING PROCEDURES.
  3. USE OF SULPHUR-BEARING OR SILICONE-BEARING OILS, LUBRICANTS, OR COOLANTS IS PROHIBITED. USE OF POWER DRIVEN, RESIN BONDED, OR RUBBER BONDED ABRASIVES IS PROHIBITED. CERAMIC BONDED ABRASIVES, TUNGSTEN CARBIDE, AND DIAMOND WHEELS ARE ACCEPTABLE.
  4. ALL HIDDEN LINES MAY NOT BE SHOWN.
  5. ALL DIMENSIONS ARE IN INCHES.
  6. PROTECT FINISHED PART FROM DAMAGE BY BAGGING OR SIMILAR METHOD TO PROTECT AND MAINTAIN CLEANLINESS DURING SHIPMENT AND STORAGE. TAKE EXTREME CARE NOT TO DING, SCRATCH, DENT, OR OTHERWISE MARK ANY MACHINED SURFACE.

				UNLESS OTHERWISE SPECIFIED		MAT 2: .		NOTES:	
				.X±.XX±.XXX±.---		MAT 1: ROD.		NOTES:	
				FRACTIONS: ± -/--		PROJECT NAME:		ERNEST ORLANDO LAWRENCE	
				ANGLES: ± -.-°/INCH		Advanced Light Source		BERKELEY NATIONAL LABORATORY	
				MACH. SURFS.: 125✓ OR BETTER		UNIQUE NUMBER: AL-0014-9942		UNIVERSITY OF CALIFORNIA	
				REF: ASME Y14.5M-1994, THREADS ARE CLASS 2		DO NOT SCALE PRINT		ALS - INSTRUMENTATION	
				BREAK EDGES .016 MAX. ON MACHINED WORK		SCALE: 1:1		PEEM 3 ELECTRON OPTICS	
				REMOVE BURRS, WELD SPLATTER & LOOSE SCALE		CATEGORY CODE: AL9021		RAIL, OBJECTIVE LENS MOUNT	
				THIRD ANGLE PROJECTION		SHEET 1 OF 1		SIZE: C	
						DWG NO: 26C348		REV A	