

NOTES, UNLESS OTHERWISE SPECIFIED:

- DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
ALL DIMENSIONS ARE IN INCHES. REFERENCE DIMENSIONS ARE SHOWN IN PARENTHESES. NOT ALL HIDDEN LINES ARE SHOWN.
- THIS IS AN ULTRA-HIGH VACUUM(UHV) PART AND REQUIRES SPECIAL ATTENTION TO AVOID UHV CONTAMINATION. READ LBNL SPECIFICATION M773 BEFORE PERFORMING ANY FAB-
RICATION.
- PROTECT FINISHED PART 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.

REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION
B	wingert	wingert	12-13-04	CORRECTED OUT OF SCALE DIMENSIONS
A	patton	wingert	07-29-04	INITIAL REVISION

UNLESS OTHERWISE SPECIFIED
FRACTIONS: * 1/32
ANGLES: * 0.5°/INCH
MACH. SURFS.: 125° OR BETTER
REF: ASME Y14.5M-1994, THREADS ARE CLASS 2
BREAK EDGES: .016 MAX. ON MACHINED WORK
REMOVE BURRS, WELD SPATTER & LOOSE SCALE

MAT 2:		NOTES:	
MAT 1:	STAINLESS STEEL 304	NOTES: SEE NOTE 2	
PROJECT NAME:	ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA		
UNIQUE NUMBER: AL-0007-5045	ALS - INSERTION DEVICE BEAMLINES		
DO NOT SCALE PRINT	BL 6.0.1.2 BRANCHLINE		
SCALE: 1:2	GRATING SINE BAR		
CATEGORY CODE: AL 4165			
THIRD ANGLE PROJECTION			
SHEET 1 OF 1	SIZE: D	DWG NO: 26B229	REV B

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