



THIS ITEM ATTACHES TO THE GRATING CRADLE AT ASSEMBLY SEE DWG 26B346

THIS ITEM ATTACHES TO THE GRATING MOUNTING PLATE AT ASSEMBLY SEE DRAWINGS 26B344 AND 26B345

4x THE SLOTS IN THE MOUNT FEET ARE DIRECTIONALLY ORIENTED BY CHANGING THE NUMBER OF SHIMS SEE DRAWINGS 26B344 & 26B345

- 1) DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994. ALL DIMENSIONS ARE IN INCHES. REFERENCE DIMENSIONS ARE SHOWN IN PARENTHESES. NOT ALL HIDDEN LINES ARE SHOWN.
- 2) THIS IS AN ULTRA HIGH VACUUM (UHV) ASSY AND REQUIRES SPECIAL ATTENTION TO AVOID UHV CONTAMINATION. READ LBNL SPECIFICATION M20013 BEFORE PERFORMING ANY FAB- RICATION.
- 3) PROTECT FINISHED ASSY 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.

1	6	26A977	OPTIC ADJUSTER NUT
1	5		COMPRESSION SPRING, SST, ϕ .360 x ϕ .038 WIRE x 1.00LG. ASSOCIATED SPRING #C-0360-38-1100
1	4		THREADED ROD, #8-32UNC-2A, x 1.88 LG., SST, SILVER PLATED
1	3	26A976	OPTIC ADJUSTER BODY
4	2	26B073	ADJUSTER SHIM
1	1	26A978	OPTIC V-MOUNT FOOT
REQD	ITEM	PART NO.	DESCRIPTION

					UNLESS OTHERWISE SPECIFIED
					TOLERANCES: .X \pm .XX \pm .XXX \pm
					FRACTIONS: \pm - / - -
					ANGLES: \pm - . - ° / INCH
					MACH. SURFS.: 125 \sqrt OR BETTER
					REF: ASME Y14.5M-1994, THREADS ARE CLASS 2
					BREAK EDGES .016 MAX. ON MACHINED WORK
					REMOVE BURRS, WELD SPLATTER & LOOSE SCALE
REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION	
	patton	patton	06-30-20	INITIAL REVISION	

PROJECT NAME:

PROJECT NUMBER:

DO NOT SCALE PRINT

SCALE: 1 : 1

CATEGORY CODE:

AL 4 153

THIRD ANGLE PROJECTION

ERNEST ORLANDO LAWRENCE

BERKELEY NATIONAL LABORATORY

UNIVERSITY OF CALIFORNIA

ALS - INSERTION DEVICE BEAMLINES

BL 11.0.1 MONOCHROMATOR

GRATING MOUNTING ADJUSTER ASSY

SHEET 1 OF 1

SIZE: C

DWG NO: 26A963

REV A