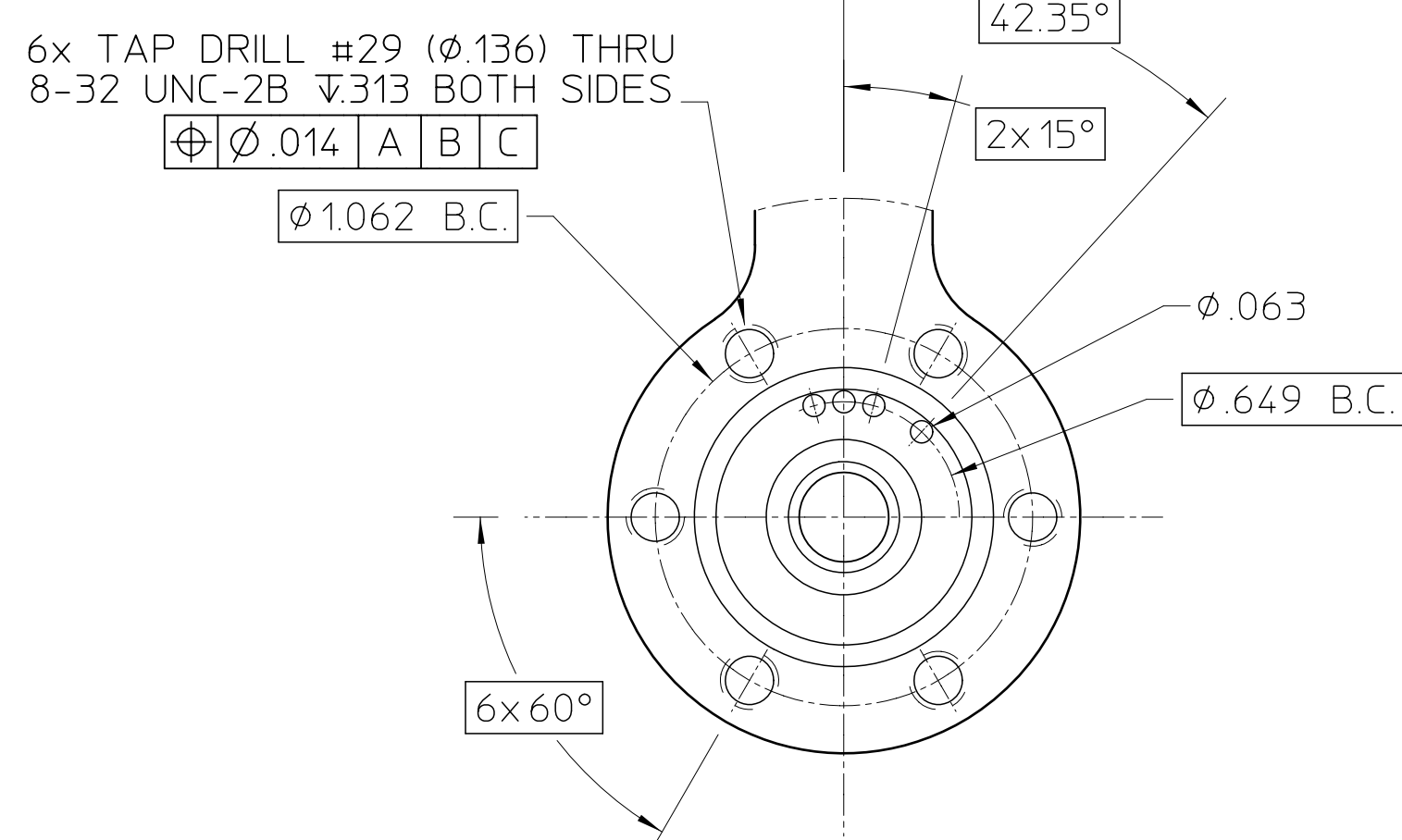
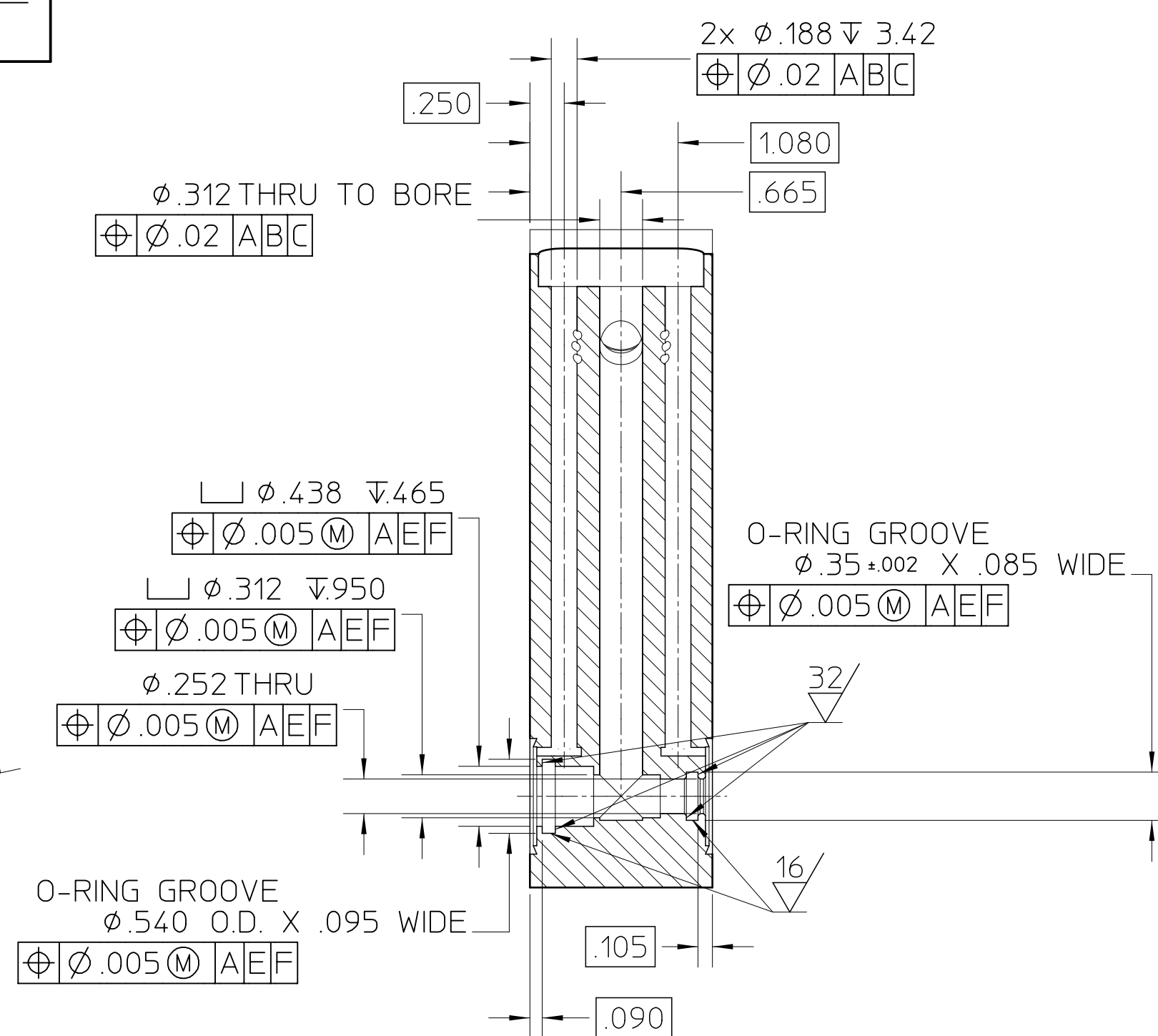




DETAIL 2
TYP BOTH SIDES
SCALE 2/1
STANDARD 1-1/3 MINI-CFF KNIFE EDGE
ROTATED 12° FOR CLARITY

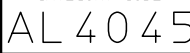


SECTION B-B
ROTATED 12° FOR CLARITY

NOTES, UNLESS OTHERWISE SPECIFIED:

1. DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
ALL DIMENSIONS ARE IN INCHES. REFERENCE DIMENSIONS
ARE SHOWN IN PARETHESES. NOT ALL HIDDEN LINES ARE
SHOWN.
2. THIS IS AN ULTRA-HIGH VACUUM (UHV) PART AND REQUIRES
SPECIAL ATTENTION TO AVOID UHV CONTAMINATION. READ
LBNL SPECIFICATION M773 BEFORE CLEANING.
3. PROTECT FINISHED PART BY BAGGING OR SIMILAR METHOD TO
PROTECT AND MAINTAIN CLEANLITNESS DURING SHIPMENT AND
STORAGE. TAKE CARE NOT TO DING, SCRATCH, DENT, OR
OTHERWISE MARK ANY ANY MACHINED SURFACE.

					UNLESS OTHERWISE SPECIFIED
					TOLERANCES
					X±.06 .XX±.02 .XXX±.001
					FRACTIONS: ± 1/64
					ANGLES: ± 0.5° / INCH
					MACH. SURFS.: 125✓ ^{OR BETTER}
A	wingerl	wingerl	04-07-05	INITIAL REVISION	REF: ASME Y14.5M-1994, THREADS ARE CLASS 2
REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION	BREAK EDGES .016 MAX. ON MACHINED WORK REMOVE BURRS, WELD SPLATTER & LOOSE SCALE

MAT 2: .		NOTES:	
MAT 1: .SST TYPE 304		NOTES:	
PROJECT NAME: 		ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA 	
UNIQUE NUMBER: AL-0013-1648		ALS - INSERTION DEVICE BEAMLINES	
DO NOT SCALE PRINT		BL 4.0.2 - MONOCHROMATOR	
SCALE: 1 : 1		CATEGORY CODE: AL4045	
GRATING COOLING, RETURN MANIFOLD			
THIRD ANGLE PROJECTION 		1 SHEET OF 1 SIZE: D DWG NO: 26B718 REV A	