

D

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C

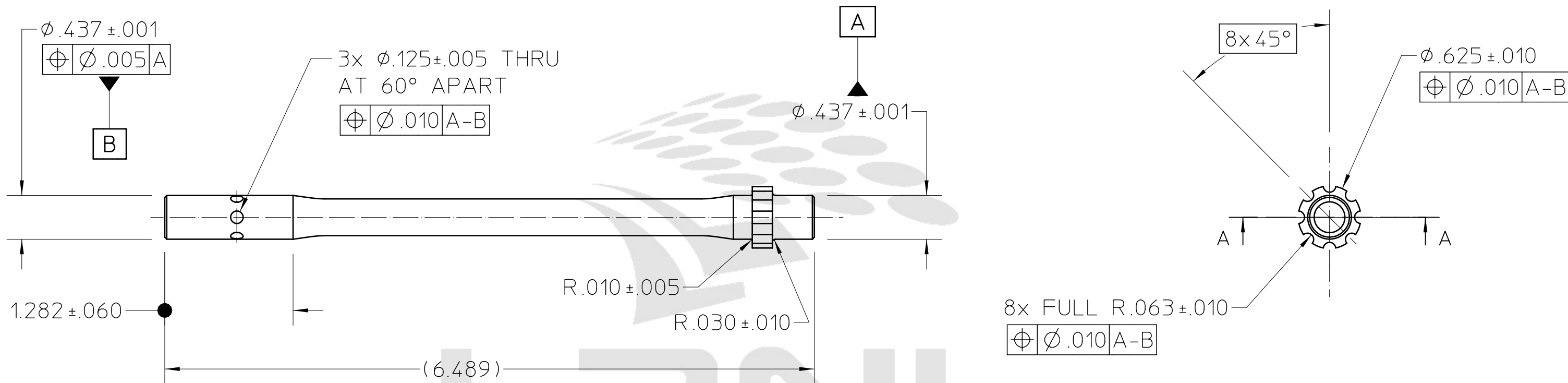
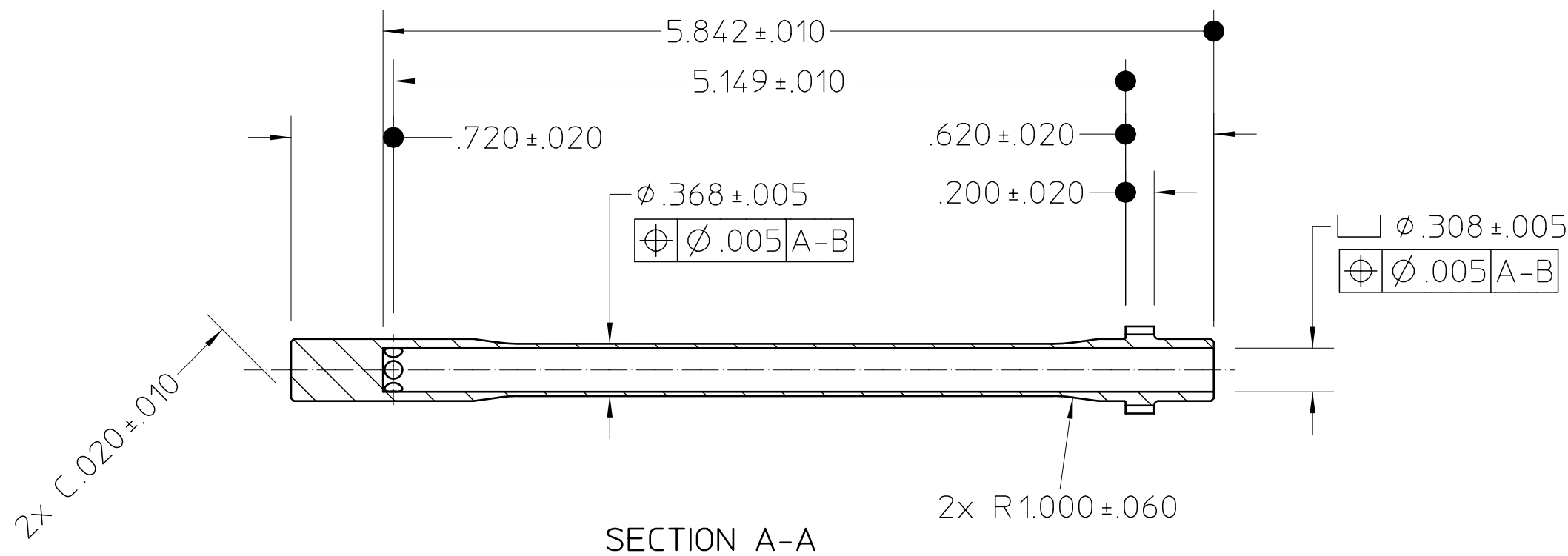
C

B

B

A

A



NOTES, UNLESS OTHERWISE SPECIFIED

1. DIMENSIONING & 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 AND REQUIRES SPECIAL ATTENTION TO AVOID UHV CONTAMINATION. READ LBNL SPECIFICATION M20013 BEFORE PERFORMING ANY FABRICATION.
3. PROTECT FINISHED PART BY BAGGING OR SIMILAR METHOD TO PROTECT AND MAINTAIN CLEANLINESS DURING SHIPMENT AND STORAGE. TAKE EXTREME CARE NOT TO SCRATCH, DENT, OR OTHERWISE DAMAGE ANY MACHINED SURFACE.

REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION
A	patton	patton	06-30-20	INITIAL REVISION

UNLESS OTHERWISE SPECIFIED
TOLERANCES: .XX ± .XX, .XX ± .XX, .XX ± .XX
FRACTIONS: ± - / -
ANGLES: ± - .° / 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 SPLATTER & LOOSE SCALE

MAT 2:		NOTES:
MAT 1:	TEFLON NATURAL PFA	NOTES:
PROJECT NAME:	ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA	
PROJECT NUMBER:	ALS - INSERTION DEVICE BEAMLINES	
DO NOT SCALE PRINT	CATEGORY CODE:	BL 6.0.1.2 BRANCHLINE
SCALE: 1:1	AL 4165	FEMTO MONO OPTIC COOLANT TUBE
THIRD ANGLE PROJECTION	SHEET 1 OF 1	SIZE: C
	DWG NO: 26B335	REV A