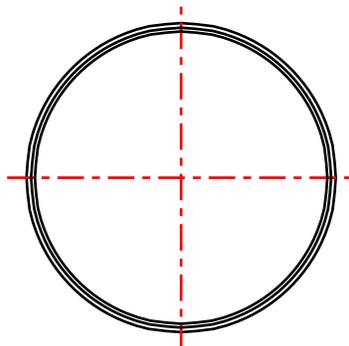
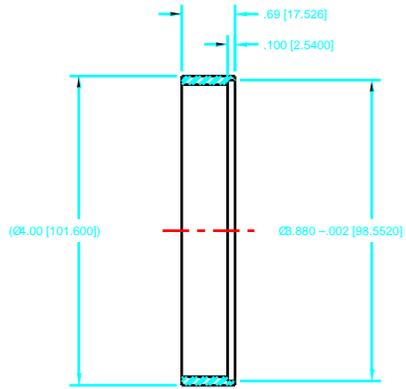


(∅) PLOT SCALE: 1=1 DWG. SCALE: 1



- NOTES:
1. THIS IS A ULTRA-HIGH VACUUM COMPONENT (UHV).
  2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:  
A) CIMCOOL 5 STAR 49  
B) TRIM SOL
  3. ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE COMPONENT NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING, AND DRY NITROGEN BLOWDOWN. THE CHAMBER VACUUM SIDE SURFACE ROUGHNESS SHALL BE BETTER THAN 63 MICRINCH RMS AFTER ELECTROPOLISHING.
  4. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
  5. TOLERANCE SPECIFICATIONS TO CONFORM TO TOLERANCE BLOCK.
  6. ALL DIMENSIONS IN [ ] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
	REVISIONS			

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		THIS DRAWING IS THE PROPERTY OF		
TOLERANCES: DECIMALS . . . . . ANGULAR . . . . . .X - .015 - .25 .XX - .010 .XXX - .005 SURFACE ROUGHNESS 250 ✓		<b>ARGONNE NATIONAL LABORATORY</b> ADVANCED PHOTON SOURCE B7 IDM BEAM MIS-STEERING SAFETY MONIOTR SHORT TUBE		
LOG NUMBER <b>A18391</b>	DRAWN BY R. KRAKORA	DATE 5/94	CHIEF DESIGN ENGINEER	DATE
	CHECKED BY		GP LEADER	
	DESIGNER R. KRAKORA	5/94	PROJECT MGR.	
	RESPONSIBLE ENGINEER		APPROVED/RELEASED	
MATERIAL SST 304 Ø4.00 X .109 WALL		SCALE 1:1	SIZE C	DRAWING NUMBER P4105091407-400003-00
DO NOT SCALE DRAWING		SHEET 1 of 1		