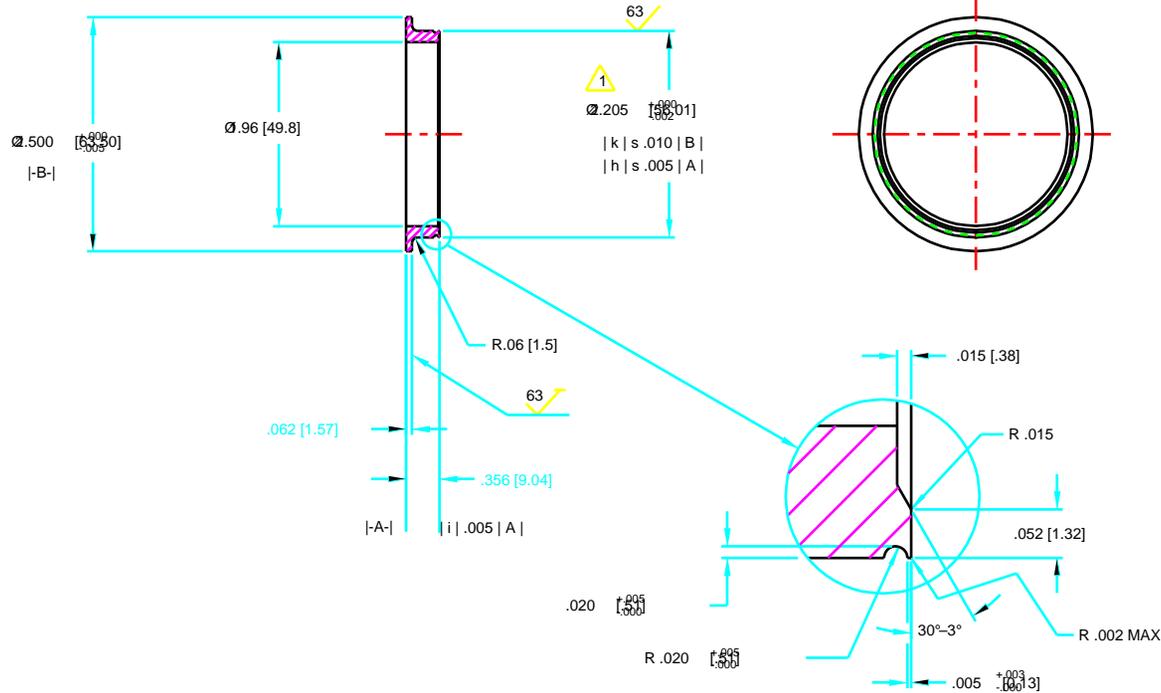


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NOTES:

1. THIS IS A UHV PART. A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN IS NEEDED BEFORE WELDING.
2. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
3. 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
4. ALL DIMENSIONS WITH ARE[MILLIMETERS

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A12056		
TOLERANCES		THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY		
DECIMALS	ANGULAR	TITLE ADVANCED PHOTON SOURCE		
.X - .03	- .25	DRAWN BY J.G.	DATE 4/22/93	CHIEF DESIGN ENGINEER D.SHU
.XX - .01		CHECKED BY J.CHANG	DATE 4/29/93	GP LEADER T.M.KUZAY
.XXX - .005		DESIGNER J.G.	DATE 4/22/93	PROJECT MGR.
SURFACE ROUGHNESS 125 ✓		RESPONSIBLE ENGINEER J.CHANG	DATE 4/29/93	APPROVED/RELEASED
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		MATERIAL SST 304		
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1		SCALE 1:1		
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		SHEET 1 of 1		
DO NOT SCALE DRAWING		DRAWING NUMBER P4105090103-810203-01		

1	2	3	4
SYM	CHANGE DESCRIPTION	BY	CHKD DATE
		J.G.	J.C. 7/7/93
REVISIONS			

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