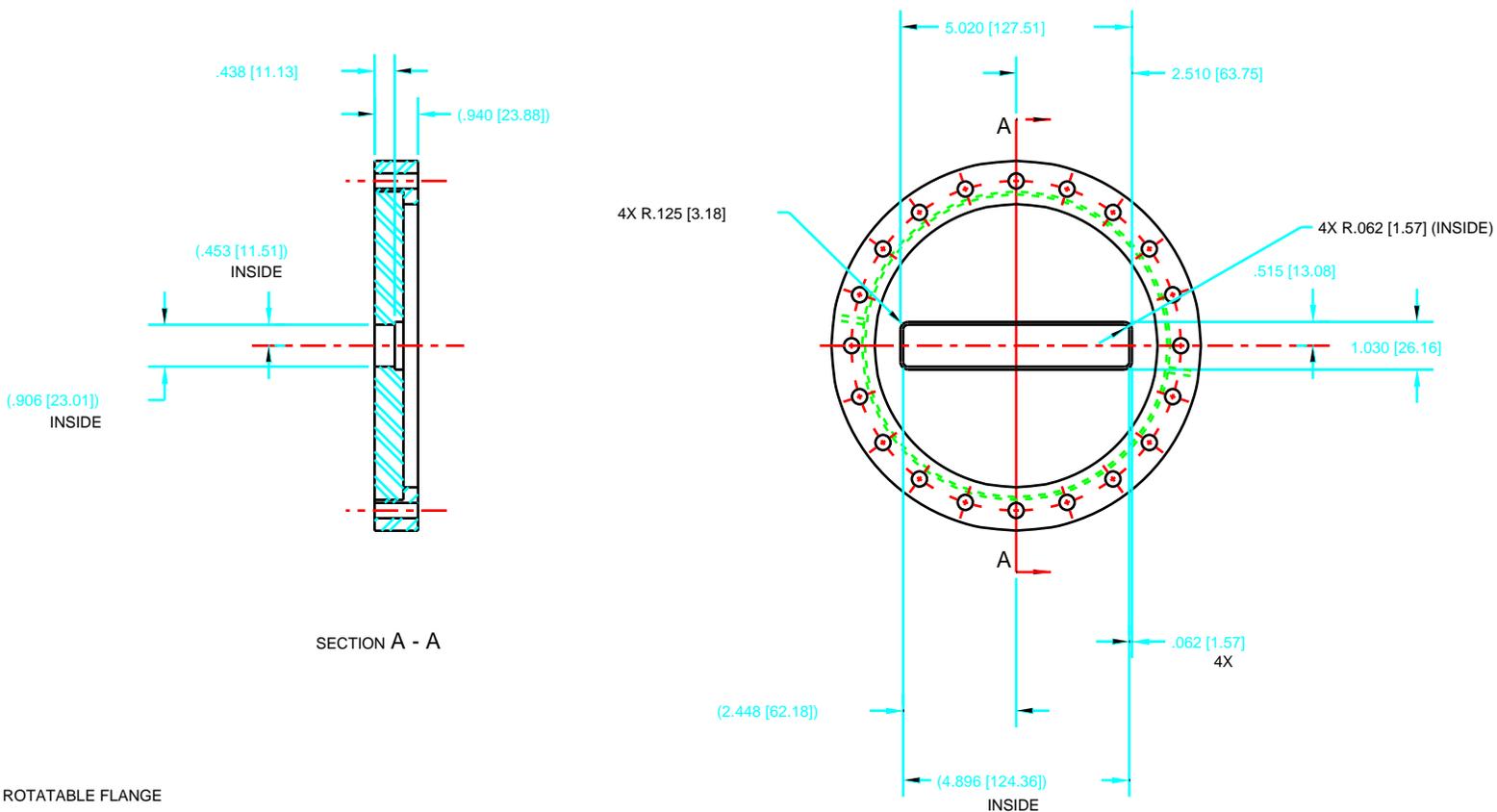


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SECTION A - A

NOTES:

1. MAKE FROM MDC ROTATABLE FLANGE CAT. #100030
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. THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
4. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. DIMENSIONS IN [] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A2417900	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
TOLERANCES		DATE	DATE	TITLE
DECIMALS	ANGULAR	3/15/96	4/1/96	ADVANCED PHOTON SOURCE K4-31 BM1 FOC COLLIMATOR END FLANGE
.X .03 [0.7620]	.25 °	CHECKED BY E. TORRES-STERLING	CHIEF DESIGN ENGINEER D. SHU	
.XX .01 [0.254]		CHECKED BY J. CHANG	CP LEADER T.M. KUZAY	
.XXX .005 [0.127]		DESIGNER CHANG/TORRES	PROJECT MGR.	
SURFACE ROUGHNESS 125 ✓		DATE 3/15/96	APPROVED/RELEASED	
REMOVE ALL BUMPS AND BREAK SHARP EDGES TO MAX.		RESPONSIBLE ENGINEER J. CHANG	DATE 3/22/96	
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ASST MANUFACTURING & ITS CHANGING IN ACCORDANCE WITH LATEST ASST YIELD		MATERIAL SEE NOTE #1	SCALE 1:2	SIZE C
DO NOT SCALE DRAWING			SHEET 1 of 1	DRAWING NUMBER P4105090403-310102-00

SY#	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

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