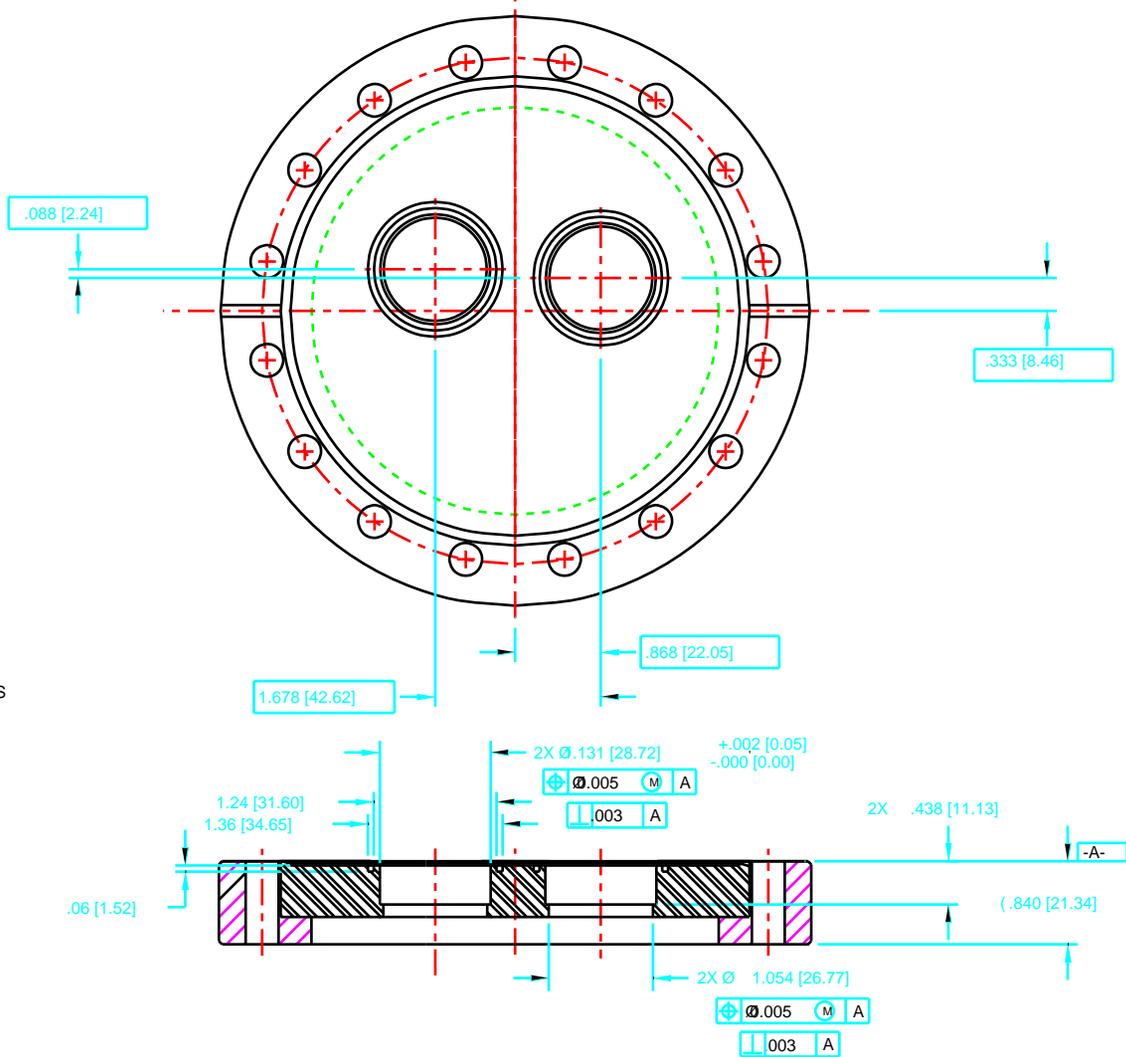


NOTES:

1. MAKE FROM MDC'S 6" O.D. ROTATABLE VACUUM FLANGE CATALOG #100025
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. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART MUST 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 FOR REF. ONLY



ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A2188900	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
TOLERANCES		DRAWN BY MUSCIA		
DECIMALS	ANGULAR	DATE 11/14/94	CHIEF DESIGN ENGINEER D. SHU	DATE 3/5/95
.X - .03 [.7620]	- .25	CHECKED BY W. YUN	GP LEADER T.M. KUZAY	TITLE ADVANCED PHOTON SOURCE
.XX - .01 [0.25]		DESIGNER SHU/MUSCIA	PROJECT MGR.	M9 LONG COOLED HORIZONTALLY DEFLECTING X-RAY MIRROR FIXED MASK PLUG FLANGE
.XXX - .005 [0.127]		RESPONSIBLE ENGINEER D. SHU	APPROVED/RELEASED	
SURFACE ROUGHNESS 125 ✓		MATERIAL SEE NOTE #1	SCALE 1:1	SIZE C
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.			DRAWING NUMBER P4105091009-200001-00	
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1				
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5				
DO NOT SCALE DRAWING				

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				