



- NOTES:**
1. MODIFY FROM PURCHASED PART:  
MDC #100025  
Ø.00 NOM. ROTATABLE FLANGE
  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. THE PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOWDOWN BEFORE WELDING.
  4. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
  5. DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REFERENCE ONLY.

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
<b>PARTS LIST</b>				
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES</small> <small>TOLERANCES</small> DECIMALS: .03 XX - .01 XXX - .005 SURFACE ROUGHNESS 125 <small>REMOVE ALL BURRS AND BREAK SHARP EDGES TO MAX.</small> <small>SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANS B46.1</small> <small>DIMENSIONING &amp; TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5</small>		LOG NUMBER <b>A2307300</b> DRAWN BY <b>J.GOGOL</b> CHECKED BY <b>J.CHANG</b> DESIGNER <b>J.GOGOL</b> RESPONSIBLE ENGINEER <b>J.CHANG</b> MATERIAL <b>304 SST</b>	<small>THIS DRAWING IS THE PROPERTY OF</small> <b>ARGONNE NATIONAL LABORATORY</b> CHIEF DESIGN ENGINEER <b>D.SHU</b> QP LEADER <b>T.M.KUZAY</b> PROJECT MGR. APPROVED/RELEASED	DATE <b>6/29/95</b> <b>8/11/95</b> <b>8/11/95</b> <b>8/11/95</b>
TITLE <b>ADVANCED PHOTON SOURCE</b> <b>M9-30 2 ID-D</b> <b>FIXED MASK</b> <b>LEFT VACUUM FLANGE</b>			DRAWING NUMBER <b>P4105091009-300002-00</b>	
SCALE <b>1:1</b>			SHEET <b>1 of 1</b>	

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				