



NOTES:

- THIS PART IS TO BE BENT BY A FLAT STRIP OF STAINLESS STEEL.
- 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
- 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.
- KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
- DIMENSIONS IN [ ] ARE MILLIMETERS AND 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		
LOG NUMBER <b>A2307500</b>		ARGONNE NATIONAL LABORATORY		
TOLERANCES		TITLE <b>ADVANCED PHOTON SOURCE</b>		
DECIMALS	ANGULAR	M9-30 2 ID-D FIXED MASK RECTANGULAR EXTENSION TUBE		
.XX - .01	.25	DRAWN BY J.GOGOL	DATE 6/29/95	DATE 8/13/95
.XXX - .005		CHECKED BY J.CHANG	DATE 8/11/95	DATE 8/15/95
SURFACE ROUGHNESS 63		PROJECT MGR. T.M.KUZAY		
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		APPROVED/RELEASED		
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1		MATERIAL 304 SST		
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		SCALE 1:1		
DO NOT SCALE DRAWING		SIZE C		
		DRAWING NUMBER P4105091009-300004-00		
		SHEET 1 of 1		