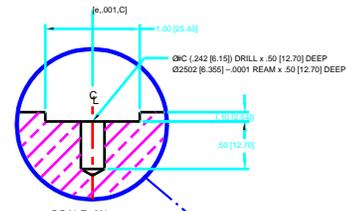
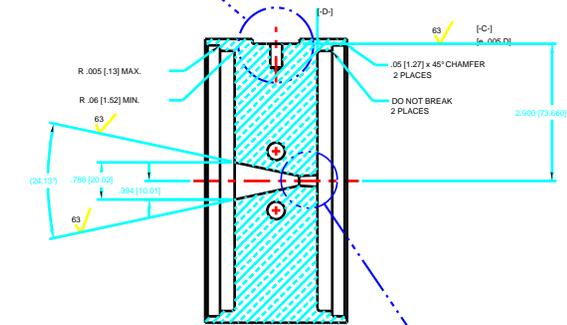


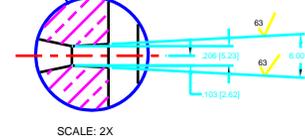
SECTION C-C



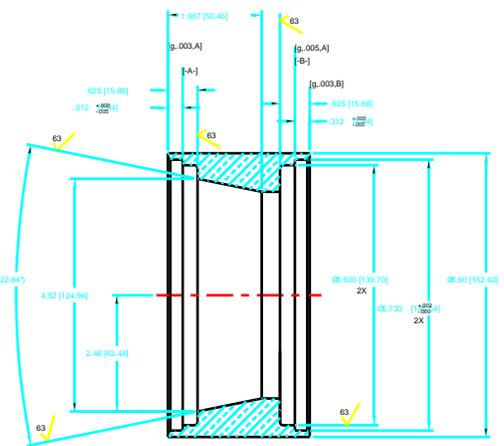
SCALE: 2X



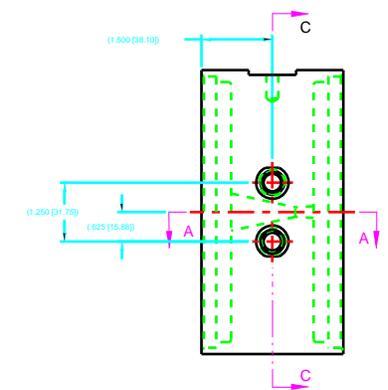
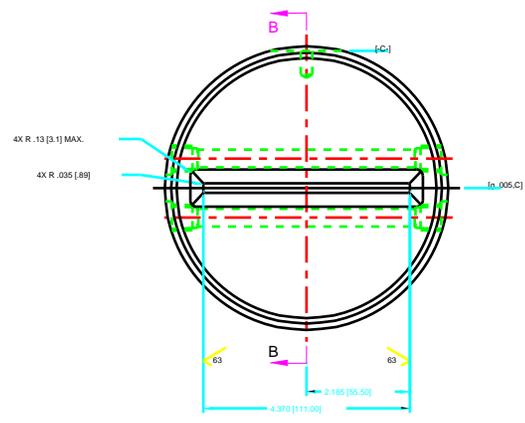
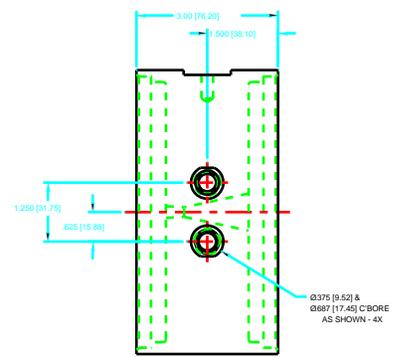
SECTION B-B



SCALE: 2X



SECTION A-A



- NOTES:
- THIS IS A UHV PART. ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO 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.
  - 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
  - ALL DIMENSIONS WITH ( ) ARE MILLIMETERS.

ITEM	DWG/PART NUMBER	NONNOMENCLATURE OR DESCRIPTION	MATERIAL SPEC.	QTY
<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS</p> <p>DATE: 6/25/93</p> <p>BY: J. CHANG</p> <p>CHKD: D. SHU</p> <p>DATE: 6/28/93</p> <p>BY: J. CHANG</p> <p>CHKD: T.M. KLIZAY</p> <p>DATE: 6/28/93</p> <p>BY: R. KRAKORA</p> <p>CHKD: J. CHANG</p> <p>DATE: 6/25/93</p> <p>APPROVED: J. CHANG</p> <p>DATE: 6/25/93</p> <p>DESIGN: O.F.H.C. COPPER</p>				
<p>REVISIONS</p> <p>BY: CHANG</p> <p>DATE:</p>		<p>PARTS LIST</p> <p>ARGONNE NATIONAL LABORATORY</p> <p>ADVANCED PHOTON SOURCE</p> <p>M3 BM FRONT END</p> <p>THIRD FIXED MASK</p> <p>COOLING BLOCK</p>		
<p>SCALE: 1:1</p> <p>SHEET: 1 of 1</p>		<p>DATE: 6/25/93</p> <p>BY: E</p> <p>PROJECT NUMBER: P4102020101-230101-00</p>		