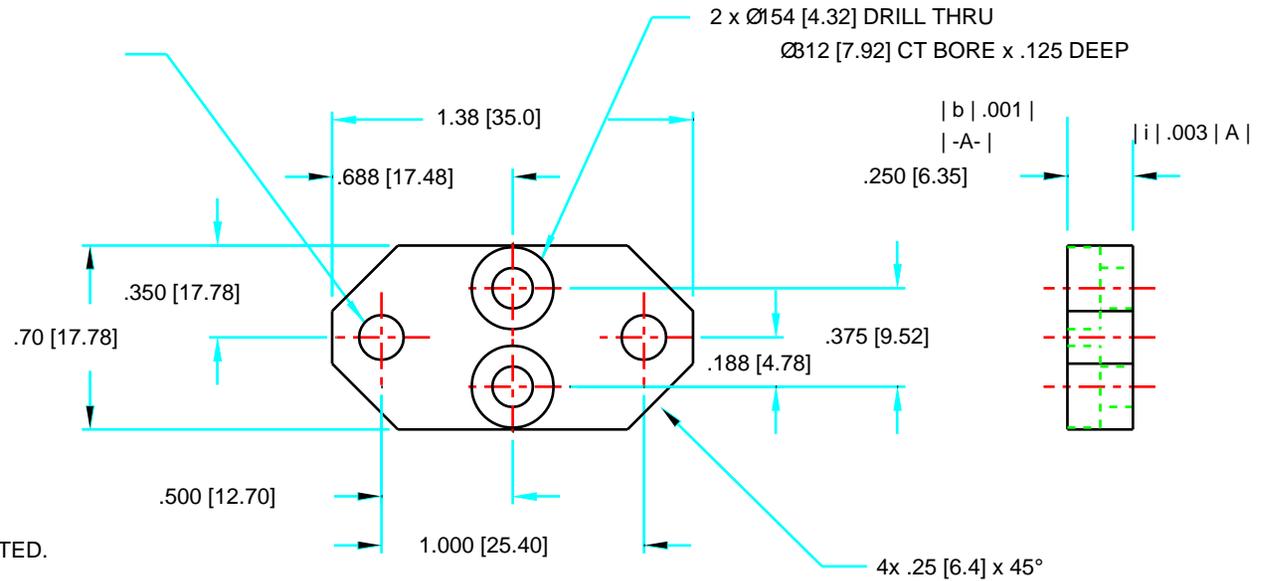


2 x Ø170 [4.32] DRILL THRU



NOTES:

1. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
2. WHEN MACHINING VACUUM PARTS, USE 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. 1 PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOWDOWN.
4. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REF. ONLY
6. SURFACE ROUGHNESS 63

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
<b>PARTS LIST</b>				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES <u>TOLERANCES</u> DECIMALS      ANGULAR .X - .03              - .25 .XX - .01 .XXX - .005  SURFACE ROUGHNESS <span style="color: green;">63</span> ✓  REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>		
		<b>ADVANCED PHOTON SOURCE</b>  X1-83 CRYSTAL HOLDER FOR 3-ID-A KOHZU MOUNTING PLATE		
LOG NUMBER <b>A2322701</b>		DRAWN BY: J.GOGOL      DATE: 8/25/95 CHECKED BY: J.CHANG      DATE: 8/31/95 DESIGNER: J.GOGOL      DATE: 8/25/95 RESPONSIBLE ENGINEER: J.CHANG      DATE: 8/31/95		
CHIEF DESIGN ENGINEER: D.SHU      DATE: 8/31/95 GP LEADER: T.M.KUZAY      DATE: 8/31/95 PROJECT MGR.: APPROVED/RELEASED:		SCALE: 2:1      SIZE: B SHEET: 1 of 1      DRAWING NUMBER: P4105091103-830005-01		
MATERIAL: <b>CARPENTER STEEL (39% NICKEL)</b>				

1	NOTE UPDATED;	J.G.	J.C.	11/16/95
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

DO NOT SCALE DRAWING