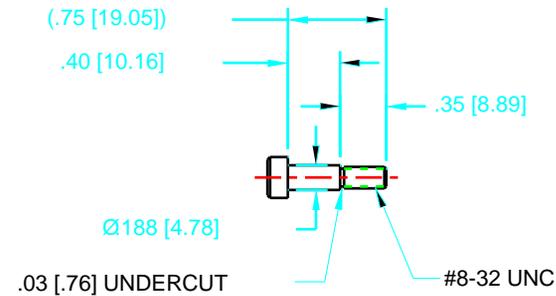


**NOTES:**

1. MODIFY FROM PURCHASED PART:  
 Ø188 x .75 LG. SOC. HD. SHOULDER SCREW  
 18-8 STAINLESS STEEL  
 SILVER PLATE AFTER MACHINING
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.
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>				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS      ANGULAR .X      - .03      - .25 .XX      - .01 .XXX      - .005 SURFACE ROUGHNESS      63 ✓ 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		LOG NUMBER <b>A2455400</b>	THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>	
DRAWN BY <b>R. KRAKORA</b>		DATE <b>5/8/96</b>	CHIEF DESIGN ENGINEER <b>D.SHU</b>	DATE <b>6/24/96</b>
CHECKED BY <b>J.CHANG</b>		DATE <b>6/18/96</b>	GP LEADER <b>T.M.KUZAY</b>	DATE <b>6/26/96</b>
DESIGNER <b>KRAKORA/CHANG</b>		DATE <b>5/8/96</b>	PROJECT MGR.	
RESPONSIBLE ENGINEER <b>J.CHANG</b>		DATE <b>6/18/96</b>	APPROVED/RELEASED	
MATERIAL <b>SEE NOTE 1</b>			SCALE <b>1:1</b>	SIZE <b>B</b>
DO NOT SCALE DRAWING			SHEET <b>1 of 1</b>	DRAWING NUMBER <b>P4105091203-300007-00</b>

**ADVANCED PHOTON SOURCE  
 Y3-30 MIRROR MOUNTS  
 ASSEMBLY FOR SRICAT  
 2-BM-A 1200mm MIRROR  
 SPECIAL SHOULDER SCREW**

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				