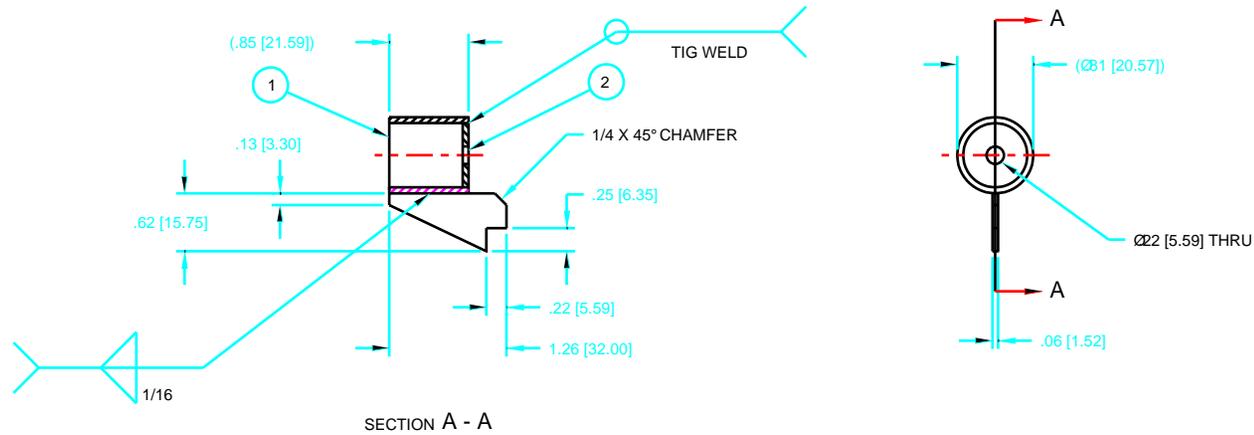


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NOTES:

1. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
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. ALL SURFACES MUST BE MACHINED FOR CLEAN UP
4. FINISHING: WHEN MACHINING VACUUM PARTS USE OF ABRASIVE PAPER OR SANDING DISCS, BUFFING OR POLISHING COMPOUNDS, OR RESIN-BONDED GRINDING WHEELS IS PROHIBITED
5. CLEANING: THE COMPONENT MUST BE CLEANED SUCH THAT A UHV PRESSURE OF 1×10^{-9} TORR CAN BE ACHIEVED
6. HANDLING: THE COMPONENTS SHALL BE HANDLED WITH WHITE SILK GLOVES AND WRAPPED WITH ALUMINUM FOIL TYPE DRY ANNEAL AND UNDER CLEAN ROOM CONDITIONS
7. BREAK ALL SHARP CORNERS 0.03
8. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

2		Ø669 X .064 THK.	SST	1
1		Ø81 X .064 WALL X .85" LG. TUBING	SST	1
ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A2481500	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
TOLERANCES		DRAWN BY MUSCIA		
DECIMALS	ANGULAR	DATE 6/14/96	DATE 6/23/96	TITLE ADVANCED PHOTON SOURCE
.X - .03 [0.7620]	.25	CHECKED BY D. SHU	DATE 6/23/96	GP LEADER T.M. KUZAY
.XX - .01 [0.25]		DESIGNER SHU/MUSCIA	DATE 6/14/96	PROJECT MGR.
.XXX - .005 [0.127]		RESPONSIBLE ENGINEER D. SHU	DATE 6/23/96	APPROVED/RELEASED
SURFACE ROUGHNESS 125 ✓		MATERIAL 304 STAINLESS STEEL		
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		SCALE 1:1	SIZE C	DRAWING NUMBER P4105091502-910210-00
DO NOT SCALE DRAWING		SHEET 1 of 1		

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