

(B)

PLOT SCALE: 1=1

DWG. SCALE: 1

A1658001

NOTES:

01

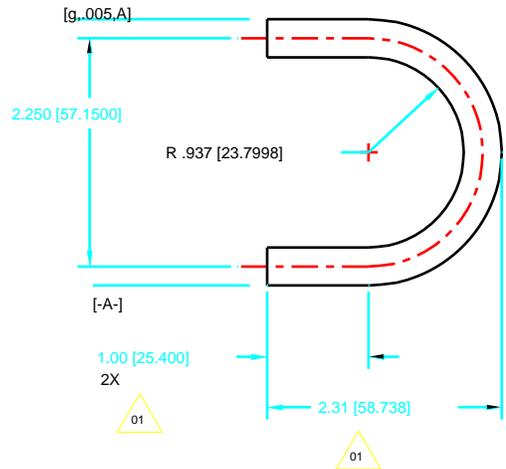
1. HIGH QUALITY, FULLY ANNEALED SEAMLESS TYPE 316 AUSTENITIC STAINLESS STEEL HYDRAULIC TUBING ASTM A213, A269, A632 OR EQUIVALENT. HARDNESS Rb80, OR LESS. TUBING TO BE FREE OF SCRATCHES. O.D. TOLERANCE NOT TO EXCEED -.003.

2. USE PROPER TUBE BENDER TO BEND THE TUBE. KEEP THE TUBE ENDS STRAIGHT AND MAINTAIN PROPER ROUNDNESS WITHOUT SCRATCHING.

3. BOTH I.D. AND O.D. OF TUBES SHOULD BE DEBURRED AFTER CUTTING.

4. TOLERANCE SPECIFICATIONS TO CONFORM TO TOLERANCE BLOCK.

5. ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.



ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY	
PARTS LIST					
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A1658001	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY		
TOLERANCES DECIMALS ANGULAR .X - .03 - .25 .XX - .01 .XXX - .005		DRAWN BY R.KRAKORA	DATE 2/94	CHIEF DESIGN ENGINEER D.SHU	DATE 5/17/94
SURFACE ROUGHNESS 125 ✓		CHECKED BY J.CHANG	5/16/94	GP LEADER T.M.KUZAY	5/18/94
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		DESIGNER R.KRAKORA	2/94	PROJECT MGR.	
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1		RESPONSIBLE ENGINEER J.CHANG	5/16/94	APPROVED/RELEASED	
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		MATERIAL SEE NOTE 1 .375 O.D.x.035 WALL x 5.53 LG		SCALE 1:1	SIZE B
01	DIM. 1.00 WAS .45; DIM. 2.13 WAS 1.76	JSP	JC	1/29/96	DRAWING NUMBER P4105091407-210005-01
01	NOTE 1 WAS O.F.H.C. ASTM-B111	JSP	JC	1/29/96	
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE	
DO NOT SCALE DRAWING					

ADVANCED PHOTON SOURCE
B7 ID BEAM MIS-STEERING
SAFETY MONITOR
COOLING TUBE