

(B)

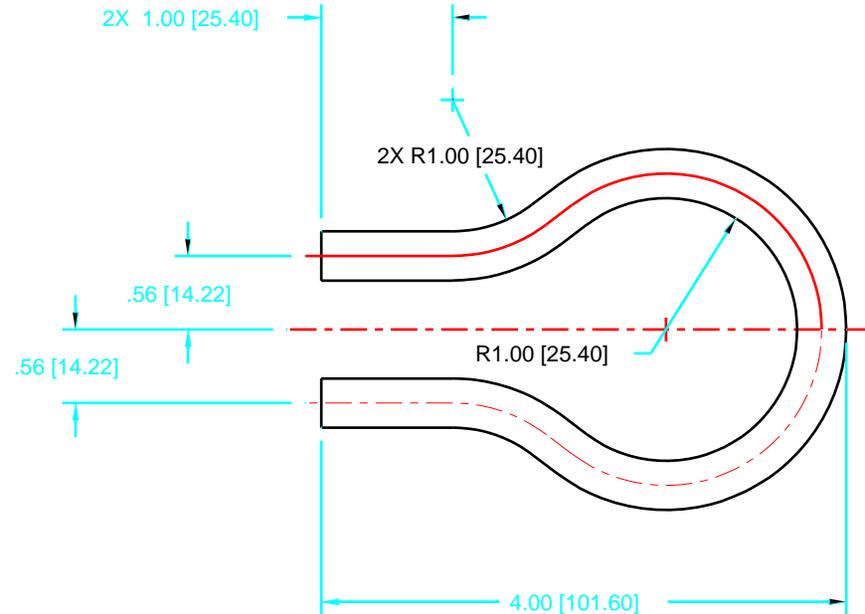
PLOT SCALE: 1=1

DWG. SCALE: 1

A2178000

NOTES:

1. HIGH QUALITY FULLY ANNEALED SEAMLESS TYPE 316, AUSTENITIC STAINLESS STEEL HYDRAULIC TUBING ASTM A212, A269 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 PROPER ROUNDNESS WITHOUT SCRATCHES.
3. BOTH I.D. AND O.D. OF TUBE SHOULD BE DEBURRED AFTER CUTTING.
4. ALL DIMENSIONS WITH [] ARE MILLIMETERS AND FOR REF. ONLY



ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		THIS DRAWING IS THE PROPERTY OF		
TOLERANCES DECIMALS ANGULAR .X - .03 [.7620] - .25 .XX - .01 [0.25] .XXX - .005 [0.127]		ARGONNE NATIONAL LABORATORY UNIVERSITY OF CHICAGO		
SURFACE ROUGHNESS 125 ✓		TITLE ADVANCED PHOTON SOURCE		
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		L5-87 APS UNDULATOR WHITE BEAM H & V SLITS FIXED MASK TUBING		
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1		SCALE 1:1		
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		SHEET 1 of B		
DO NOT SCALE DRAWING		DRAWING NUMBER P4105091505-870003-00		
MATERIAL .375 O.D. X .125 WALL X 9.28 LG. 304 STAINLESS STEEL		LOG NUMBER A2178000		
DRAWN BY MUSCIA		DATE 2/1/95		CHIEF DESIGN ENGINEER D. SHU
CHECKED BY D. SHU		DATE 4/12/95		GP LEADER T.M. KUZAY
DESIGNER MUSCIA		DATE 4/12/95		PROJECT MGR.
RESPONSIBLE ENGINEER D. SHU		DATE 4/12/95		APPROVED/RELEASED
SYMBOL		CHANGE DESCRIPTION		BY
REVISIONS		DATE		CHKD

SYMBOL	CHANGE DESCRIPTION	BY	CHKD	DATE