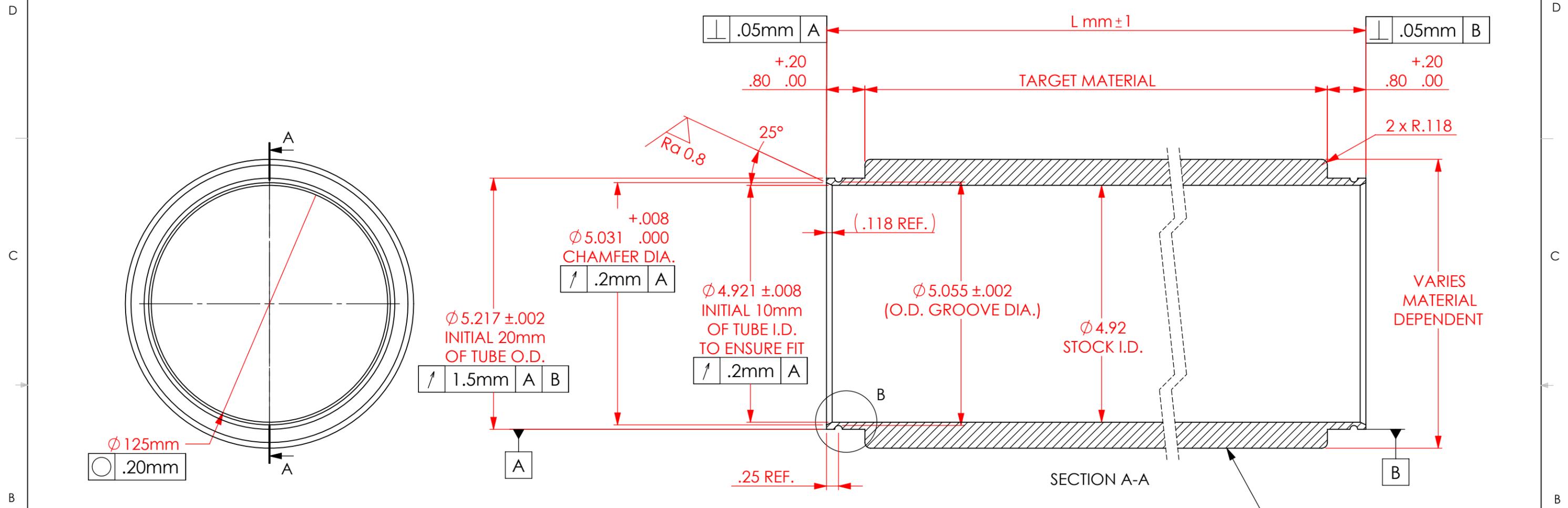


8	7	6	5	4	3	2	1
program #	op	machine					

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	F	UPDATED TOLERANCING	2/8/2010	DC
	G	ADDED NOTE	3/2/2016	DC/MN



$\phi 5.217 \pm .002$   
 INITIAL 20mm  
 OF TUBE O.D.  
 1.5mm A B

$\phi 5.031 \pm .000$   
 CHAMFER DIA.  
 .2mm A

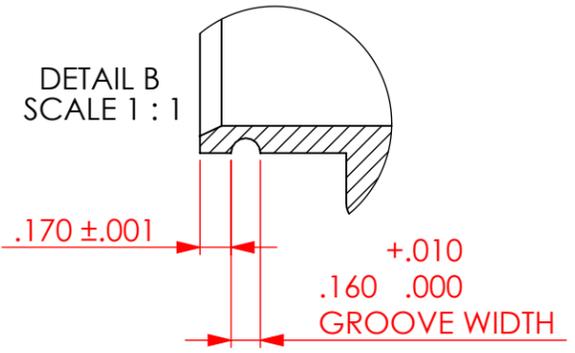
$\phi 4.921 \pm .008$   
 INITIAL 10mm  
 OF TUBE I.D.  
 TO ENSURE FIT  
 .2mm A

$\phi 5.055 \pm .002$   
 (O.D. GROOVE DIA.)

$\phi 4.92$   
 STOCK I.D.

VARIES  
 MATERIAL  
 DEPENDENT

**NOTE: DIMENSIONS ARE TYPICAL ON BOTH ENDS OF THE PART. FOR OUT OF ROUND TUBES, ENDS MUST BE BORED TO DIMENSION SHOWN.**



- NOTES:
- BREAK AND DEBURR ALL EDGES .25mm MAX.
  - CLEAN PART FOR USE IN A VACUUM ENVIRONMENT.
  - PACKAGE PART TO PROTECT FROM DAMAGE AND TO ENSURE CLEANLINESS.
  - THIS MONOLITHIC TARGET DESIGN MAY NOT SUPPORT ALL TARGET MATERIALS. CONSULT SCI WITH ANY QUESTIONS.**

UNLESS OTHERWISE SPECIFIED:	
BREAK ALL CORNERS .015 Typ.	
imperial	metric
X.0 = ± .030	X.0 = ± 1
0.X = ± .015	0.X = ± .5
0.XX = ± .010	0.XX = ± .25
0.XXX = ± .005	0.XXX = ± .125
WEIGHT	
DRAWN BY	
DO NOT SCALE DRAWING	

**SPUTTERING COMPONENTS, INC.**  
375 Alexander Dr. SW, Owatonna, MN 55060

TITLE: **SCI METRIC TARGET**

SIZE	DATE DRAWN	PART NO. SCT	SCALE	REV
<b>B</b>	8/31/2006	MOD NO.	1:2	G
MATERIAL: VARIES		FINISH:	SHEET 1 OF 1	