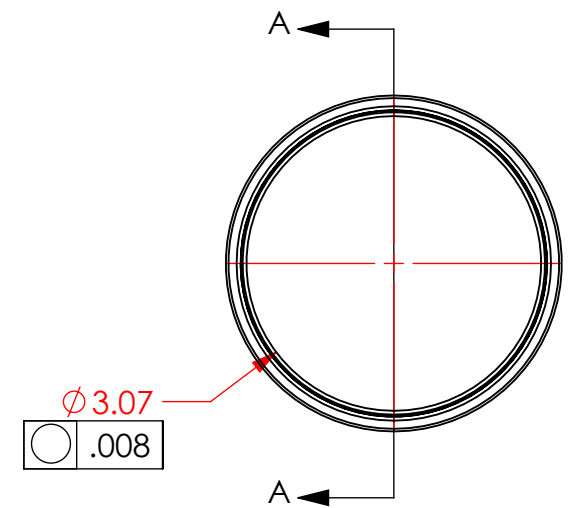
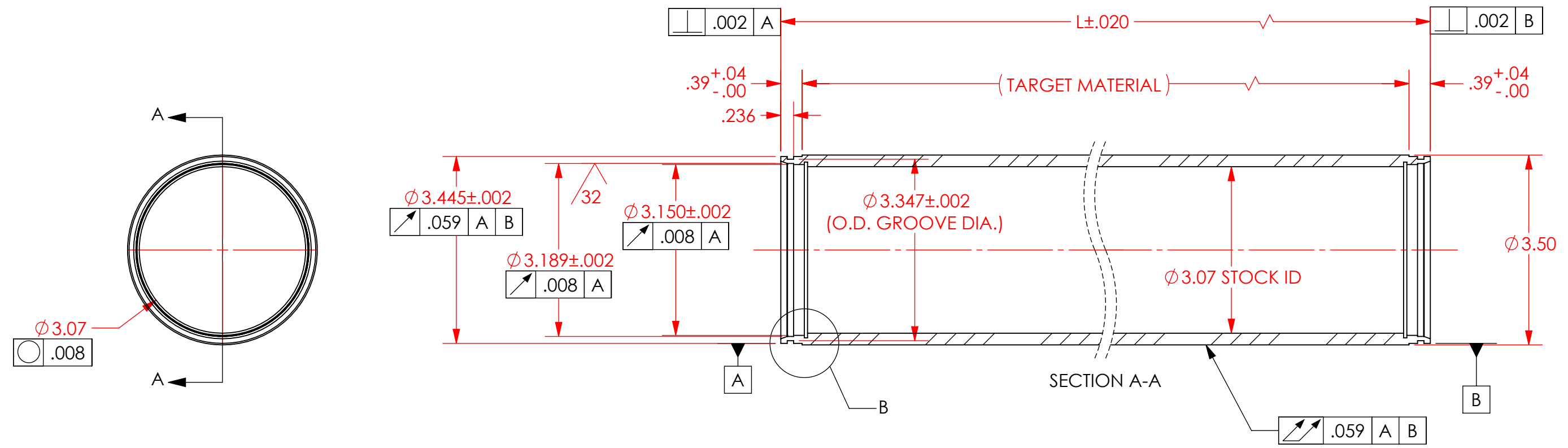
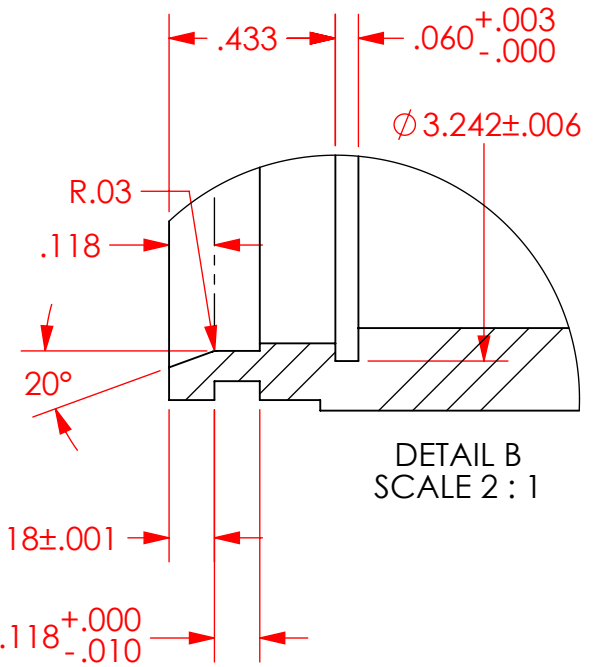


SMALLEY RETAINING RING (108733, VHM-80-S02) IS TO BE PLACED INSIDE THE BOTTOM INTERNAL GROOVE TO KEEP THE MAGNET BAR INSIDE THE TARGET TUBE FOR VERTICAL TARGET CHANGE. GROOVE NOT REQUIRED IF HORIZONTAL TARGET CHANGE.



$\phi 3.445 \pm .002$
 $\phi 3.150 \pm .002$
 $\phi 3.189 \pm .002$
 $\phi 3.50$
 $\phi 3.07$ STOCK ID
 $\phi 3.347 \pm .002$ (O.D. GROOVE DIA.)

NOTE: DIMENSIONS ARE TYPICAL ON BOTH ENDS OF THE PART.



DETAIL B
SCALE 2 : 1

- NOTES:
 1. BREAK AND DEBURR ALL EDGES .010in. MAX.
 2. CLEAN PART FOR USE IN A VACUUM ENVIRONMENT.
 3. PACKAGE PART TO PROTECT FROM DAMAGE AND TO ENSURE CLEANLINES.

UNLESS OTHERWISE SPECIFIED:		SPUTTERING COMPONENTS, INC.															
BREAK ALL CORNERS .015 Typ.		375 Alexander Dr. SW, Owatonna, MN 55060															
imperial	metric	CONFIDENTIAL: UNAUTHORIZED USE, MANUFACTURE OR REPRODUCTION IN WHOLE OR IN PART IS PROHIBITED.															
X.0 = ± .030	X.0 = ± 1	PROPRIETARY TO: SPUTTERING COMPONENTS, INC.															
0.X = ± .015	0.X = ± .5	TITLE: 80mm ID MANDREL, INCH															
0.XX = ± .010	0.XX = ± .25	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">WEIGHT</td> <td style="width: 15%;">SIZE</td> <td style="width: 20%;">DATE DRAWN</td> <td style="width: 20%;">PART NO. 80M-I</td> <td style="width: 10%;">SCALE</td> <td style="width: 10%;">REV</td> </tr> <tr> <td></td> <td style="text-align: center;">B</td> <td style="text-align: center;">04/28/2015</td> <td>MOD NO.</td> <td style="text-align: center;">1:2</td> <td style="text-align: center;">-01</td> </tr> </table>				WEIGHT	SIZE	DATE DRAWN	PART NO. 80M-I	SCALE	REV		B	04/28/2015	MOD NO.	1:2	-01
WEIGHT	SIZE					DATE DRAWN	PART NO. 80M-I	SCALE	REV								
	B	04/28/2015	MOD NO.	1:2	-01												
0.XXX = ± .005	0.XXX = ± .125																
DRAWN BY Michelle Neal		MATERIAL: 3" Sch. 40, STAINLESS STEEL															
DO NOT SCALE DRAWING		FINISH:		SHEET 1 OF 1													