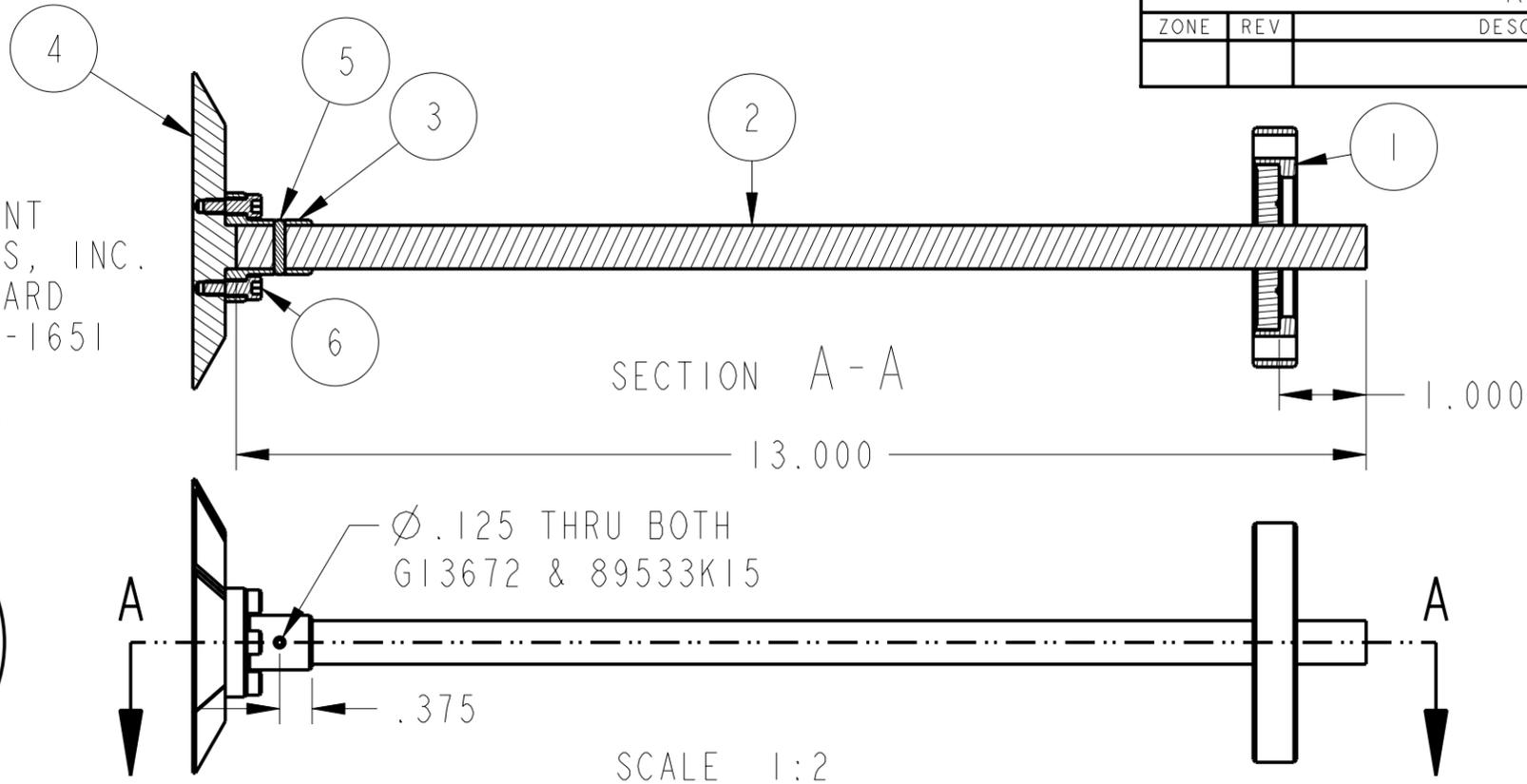
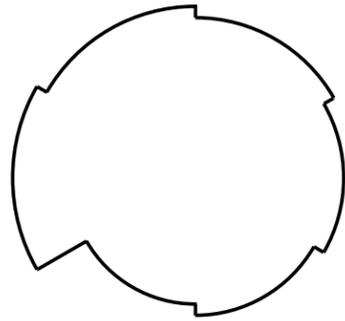


SCALE 1:4

1 SOURCE OR EQUIVALENT  
MDC VACUUM PRODUCTS, INC.  
23842 CABOT BOULEVARD  
HAYWARD, CA. 94545-1651  
(510) 265-3500  
www.mdc-vacuum.com



2 SOURCE OR EQUIVALENT  
McMASTER CARR  
P.O. BOX 4355  
CHICAGO, IL 60680-4355  
(630) 833-0300  
www.mcmaster.com

NOTE:

- 1 THE USE OF SULPHUR BEARING OILS OR ABRASIVES IS PROHIBITED.
- 2 PROCESSES SUCH AS GRINDING, AND OR POLISHING THAT MAY RESULT IN EMBEDDED CONTAMINATION OF THE PART ARE PROHIBITED.
- 3 USE ONLY CIMCOOL, KOOLMIST #77, MOBIL CUT-MAX, MISSILE LUBE #5, OR AN ANL APPROVED EQUAL LUBRICANT FOR MACHINING.
- 4 PRIOR TO SHIPPING ALL SURFACES OF THE PART ARE TO BE THOROUGHLY CLEANED, AND FREE OF ALL OIL AND OR SOLUTIONS.

REVISIONS					
ZONE	REV	DESCRIPTION	BY	APPROVED	DATE

ITEM	DRAWING/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL/SPEC	QTY
6	92196A194	8-32 x 1/2" S.H.C.S.	18-8 SST	4
5	90145A472	Ø 1/8" X 5/8" LONG DOWEL	18-8 SST	1
4	G13671	TARGET DISC	SEE PART LIST	1
3	G13672	TARGET HUB	SEE PART LIST	1
2	89533K15	1/2" STAINLESS ROD	304 SST	1
1	100008	2 3/4" BLANK ROTATABLE CONFLAT FLANGE	304 SST	1

PARTS LIST/BILL OF MATERIALS

<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES</small>  <small>DECIMALS</small> .X ±.1 .XX ±.01 .XXX ±.005  <small>ANGULAR</small> ±.5°  <small>SURFACE ROUGHNESS</small> ✓ 63  <small>REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING &amp; TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5</small>  <small>MODEL NAME:</small> <b>DISC-TARGET-ASSY</b>  <small>ELECTRONIC FILE NAME:</small> <b>G13670</b>	<small>DRAWN BY:</small> <b>B. RUSTHOVEN</b>  <small>CHECKED BY:</small>   <small>DESIGNED BY:</small> <b>B. RUSTHOVEN</b>  <small>RESPONSIBLE ENGINEER:</small> <b>S. SHARMA</b>  <small>GROUP LEADER:</small> <b>S. SHARMA</b>  <small>APPROVED BY:</small>   <small>RELEASE LEVEL:</small> -  <small>MATERIAL:</small> <b>304 SST</b>	<small>DATE</small> <b>16-Sep-04</b>  <small>DATE</small>   <small>DATE</small> <b>16-Sep-04</b>  <small>DATE</small>   <small>DATE</small>   <small>VERSION:</small> -	<small>THIS DRAWING IS THE PROPERTY OF</small> <b>ARGONNE NATIONAL LABORATORY</b> <b>RARE ISOTOPE ACCELERATOR</b>  <small>TITLE:</small> RARE ISOTOPE ACCELERATOR THIN LITHIUM FILM  TARGET ASSEMBLY	
	<small>SIZE</small> <b>B</b>	<small>FSCM No</small> <b>OHRH5</b>	<small>DRAWING NUMBER:</small> <b>G13670</b>	<small>REV.</small> <b>00</b>
	<small>SCALE:</small> 1:2	<small>DO NOT SCALE DRAWING</small>	<small>SHEET</small> 1 <small>OF</small> 1	