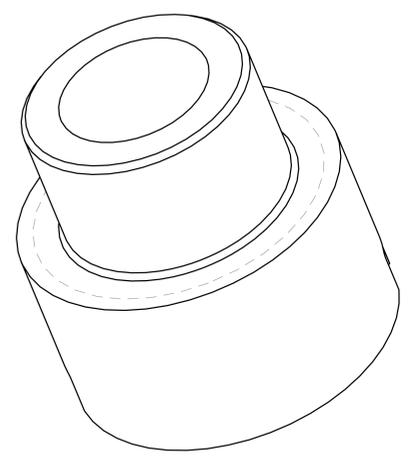


NOTES:

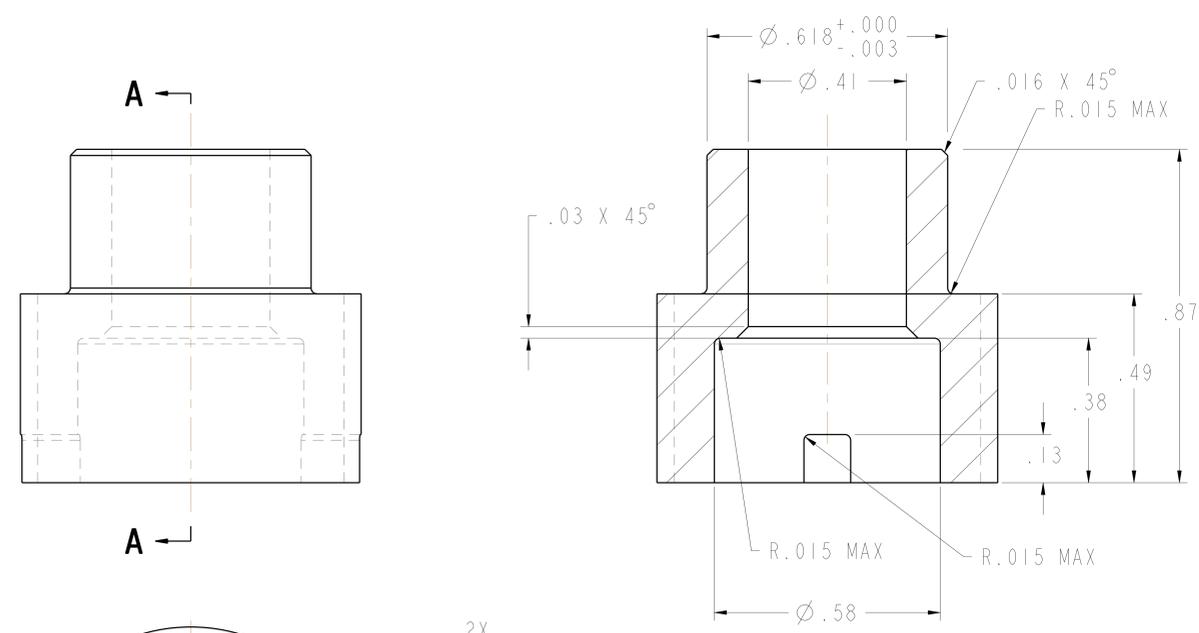
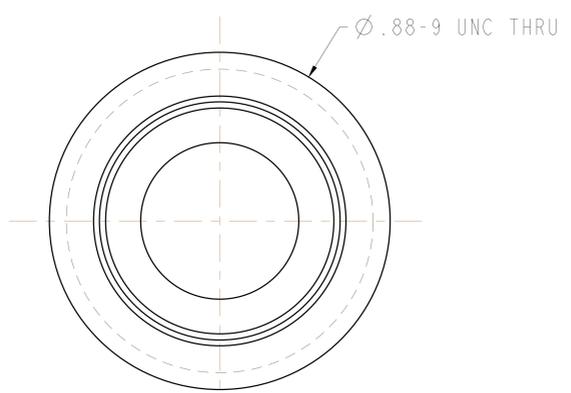
- DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100.
- INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
- DIMENSIONS ARE IN INCHES
- DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80 K
- GEOMETRY IS DEFINED IN PRO ENGINEER CAD MODELS/FILES
- DRAWING AND MODELS COMBINED DEFINE FINISHED MACHINED PART
- MAGNETIC PERMEABILITY SHALL NOT EXCEED 1.02 AS TESTED BY A SEVERN-TYPE INDICATOR. AVAILABLE FROM:

SEVERN ENGINEERING COMPANY
 555 OLD STAGE ROAD SUITE 14
 AUBURN, ALABAMA 36830

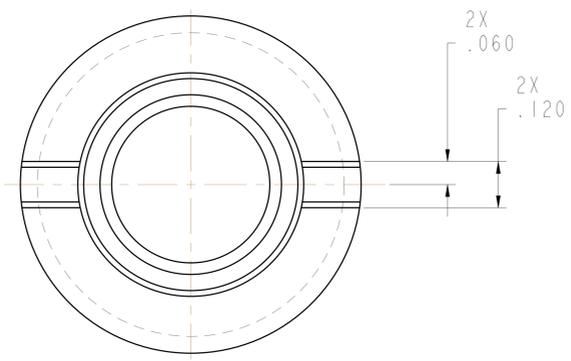
- SILVER PLATE PER AMS 2410J. PLATING THICKNESS .0002 TO .0005 INCH



ISOMETRIC VIEW



SECTION A-A



RELEASED FOR FABRICATION / INSTALLATION
 PPPL Drafting:

SE 142C-272	AR	X	-1	BUSHING, SPACER	UNS S31600	I
	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
		NEXT ASSEMBLY	PARTS LIST			

1 BUSHING, SPACER

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF, ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES, AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

P THIS DRAWING PRODUCED ON PRO-ENGINEER

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE

SCALE 6	DES BRAD NELSON 3-7-05	UT-BATTELLE Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee PRODUCT NAME NATIONAL COMPACT STELLARATOR EXPERIMENT
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRW G LOVETT 3-07-05	
FRACTIONS	CHK TOM HARGROVE 8/26/05	
XX DECIMALS ±.01	DEPT :	
XXX DECIMALS ±.005	PE : D WILLIAMSON 8/26/05	BUSHING, SPACER VERSION NO. 6 PLANT X-10 BLDG 5700 FL 3 SHT OF 1 TYPE I CLASS U RELEASE LEVEL Fabrication SE 142C-272 REV 0
ANGLES ±0°15'	CR :	
BREAK SHARP EDGES .06 MAX	PJ :	
FINISH .125 UNLESS OTHERWISE SPECIFIED	REO :	
	PPPL DRFT J STEGEL 8/26/05	