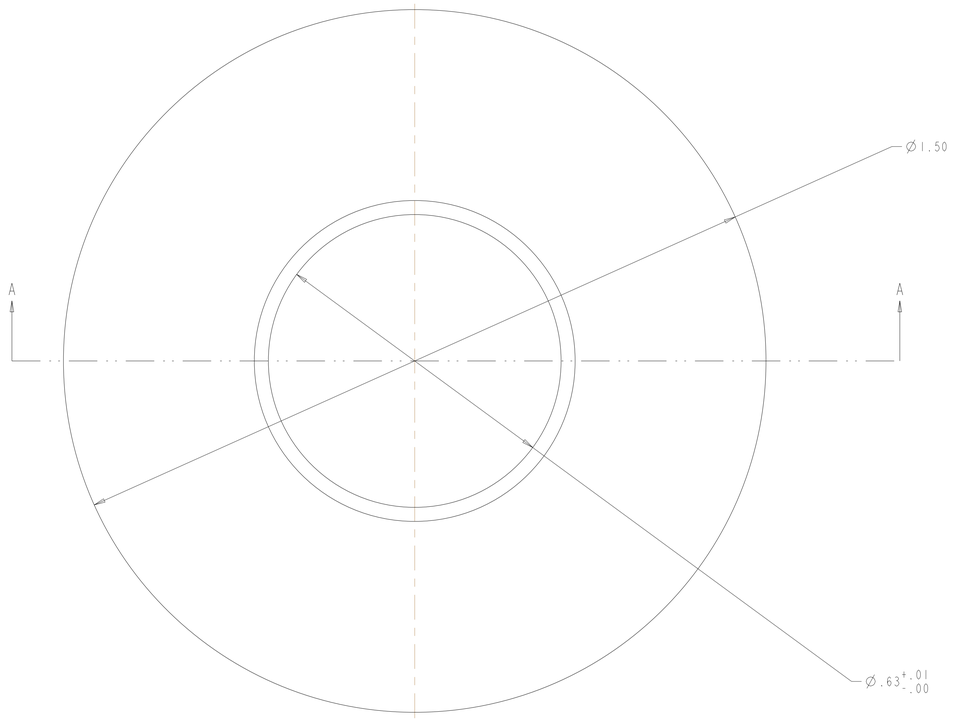
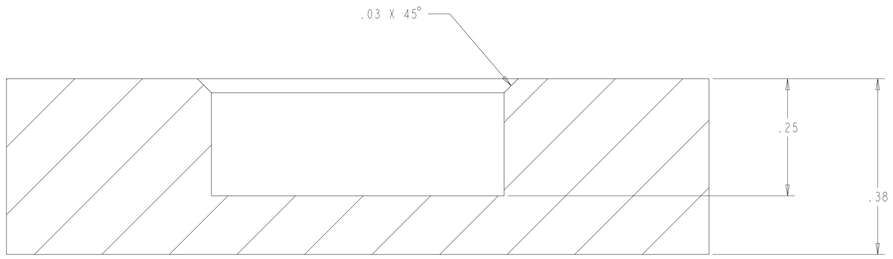
NOTES:

1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
2. DIMENSIONS ARE IN INCHES
3. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80 K
4. GEOMETRY IS DEFINED IN PRO ENGINEER CAD MODELS/FILES
5. DRAWING AND MODELS COMBINED DEFINE FINISHED MACHINED PART
6. MAGNETIC PERMABILITY SHALL NOT EXCEED 1.02 AS TESTED BY A SEVERN-TYPE INDICATOR.

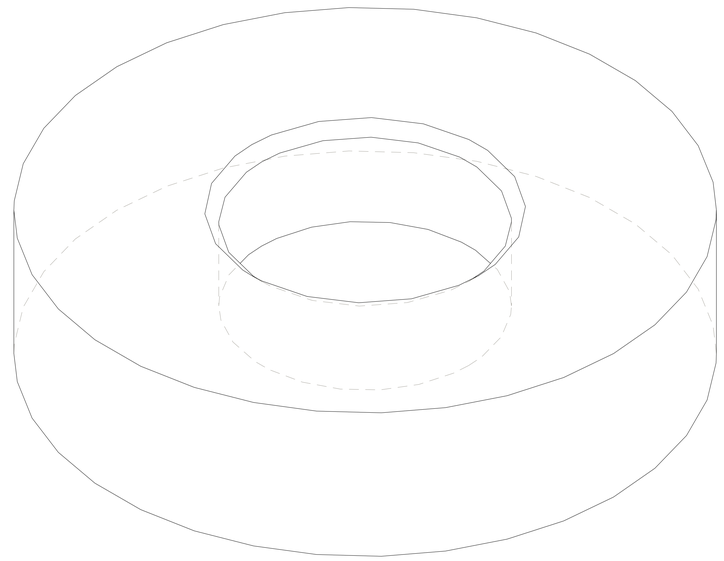


1

SCALE 8 : 1



SECTION A-A



ISOMETRIC VIEW

RELEASED FOR FABRICATION / INSTALLATION

PPPL Drafting: Jerry Siegel 2005.04.05 09:44:41 -05'00'

next assy	AR		-1	CLAMP SWIVEL PAD	G10		1
SEI405-275P	CAGE CODE		PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
	NEXT ASSEMBLY			PARTS LIST			

SEI405-273

B

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
	REVISION OR ISSUE PURPOSE	REVISION APPROVAL										

SCALE NOTED

TOLERANCES UNLESS OTHERWISE SPECIFIED

FRACTIONS :
XX DECIMALS ±.01
XXX DECIMALS ±.005
ANGLES ±0°15'
BREAK SHARP EDGES .06 MAX
FINISH 125 UNLESS OTHERWISE SPECIFIED

DRAWING APPROVALS		DATE
DES	G LOVETT	3-27-05
DRW	G LOVETT	3-27-05
CHK	:	:
SECT	:	:
DEPT	:	:
PE	D WILLIAMSON	3-05
CR	:	:
PJ	:	:
REQ	:	:
PPPL DRFT	J SIEGLE	3-05
	:	:
	:	:

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

PROJECT NAME: NATIONAL COMPACT STELLARATOR EXPERIMENT

CLAMP SWIVEL PAD

VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
3+	X-10	5700	3	1 1	S	U

RELEASE LEVEL: Fabrication

SEI405-273

REV 0

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