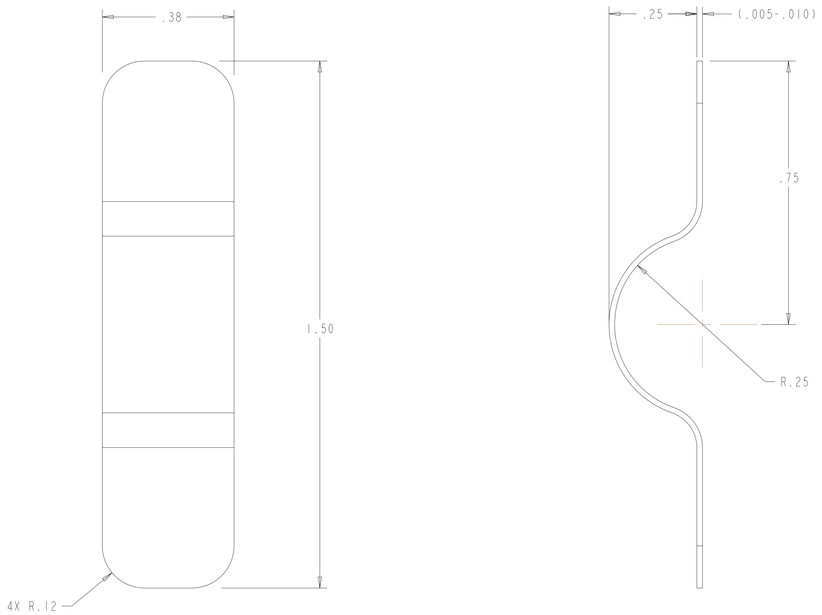
NEXT ASS'Y:

FINAL ASS'Y:

NOTES

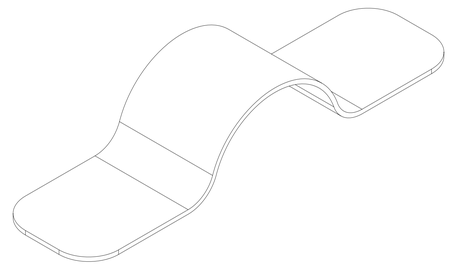
1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
3. DIMENSIONS ARE IN INCHES
4. MAGNETIC PEREABILITY NOT TO EXCEED 1.02 AS TESTED BY A SEVERN INDICATOR AVAILABLE FROM:
   SEVERN ENGINEERING
   555 OLD STAGE ROAD, SUITE 14
   AUBURN, ALABAMA 36830



1

SCALE 6.000

DIMENSIONS FOR REFERENCE ONLY
FABRICATE IN FIELD AS REQUIRED



ISOMETRIC VIEW

AR		-1	CLAMP	UNS 31600		1
SE140-025	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
	←	NEXT ASSEMBLY	PARTS LIST			

SE142B-030

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting: Jerry Siegel 2008.01.15 14:12:56 -05'00'

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
0	ORIGINAL ISSUE	GL	09/07									

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	D WILLIAMSON	10/07
DRW	G LOVETT	10/07
CHK	R MOON	11/07
SECT	:	:
DEPT	:	:
PE	D WILLIAMSON	11/07
CR	:	:
PJ	:	:
REQ	:	:
PPPL DRFT	J SIEGEL	10/07
	:	:
	:	:

UT-BATTELLE
Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-000R22725
UT-BATTELLE, LLC. Oak Ridge, Tennessee

PROJECT NAME: NATIONAL COMPACT STELLARATOR EXPERIMENT

CLAMP

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

RELEASE LEVEL: Fabrication

SE142B-030 REV 0