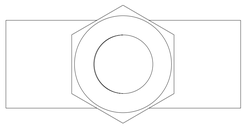
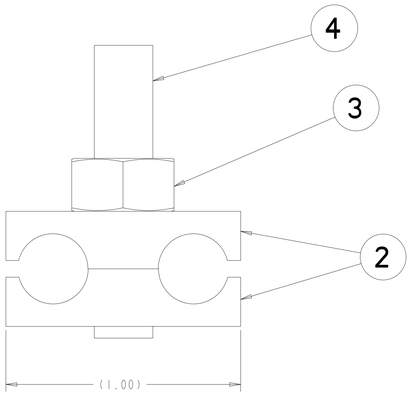
NEXT ASS'Y: FINAL ASS'Y:

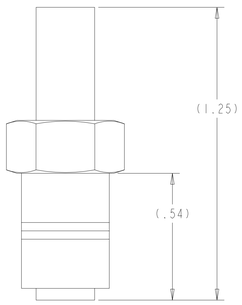
NOTES:
1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2000.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
3. DIMENSIONS ARE IN INCHES
4. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80 K.
5. MAGNETIC PEREABILITY NOT TO EXCEED 1.02 AS TESTED BY A SEVERN INDICATOR AVAILABLE FROM:
   SEVERN ENGINEERING
   555 OLD STAGE ROAD, SUITE 14
   AUBURN, ALABAMA 36830

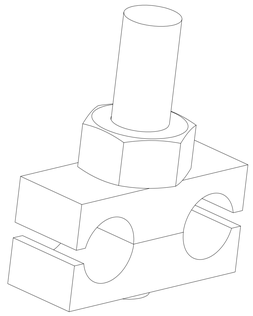




TUBE-CLAMP BLOCK ASSY

1





ISOMETRIC VIEW

	1		9057A716	STUD 1/4-20 UNC X 1.25"	UNS 31600		4
	1		94805A115	1/4-20 UNC -2B HEX NUT	UNS 31600		3
	2		SE140-027	CLAMP BLOCK			2
	1		-1	TUBE-CLAMP BLOCK ASSEMBLY			1
NEXT ASSY SE140-101	-1	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
		NEXT ASSEMBLY		PARTS LIST			

SE140-030

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting: Jerry Siegel 2008.01.15 19:06:02 -05'00'

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 (REVISION OR ISSUE PURPOSE)	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
0	INITIAL RELEASE	GLL										

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	12/07
DRW	G LOVETT	12/07
CHK	R MOON	12/07
SECT	:	:
DEPT	:	:
PE	D WILLIAMSON	12/07
CR	:	:
PJ	:	:
REQ	:	:
PPPL DRFT	J SIEGLE	12/07

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

TUBE-CLAMP BLOCK ASSEMBLY

VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS
5	MDL	MDL	3	1	1	S	U

RELEASE LEVEL: Fabrication
SE140-030 REV 0