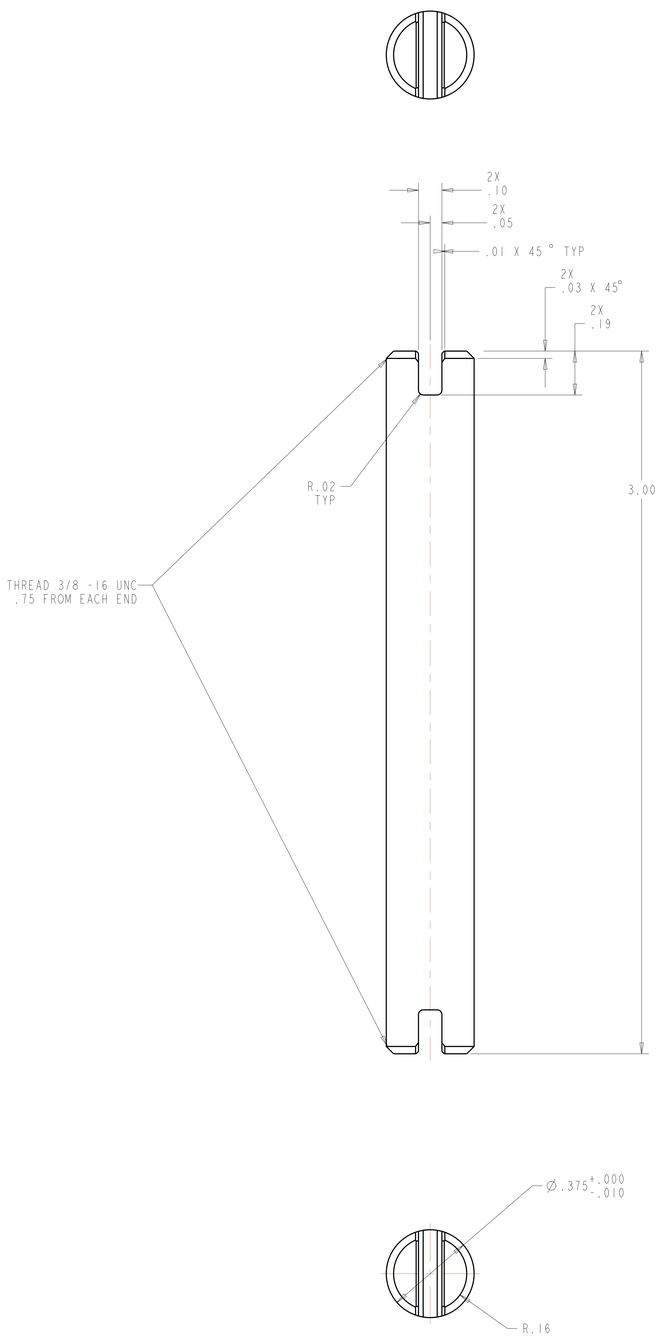
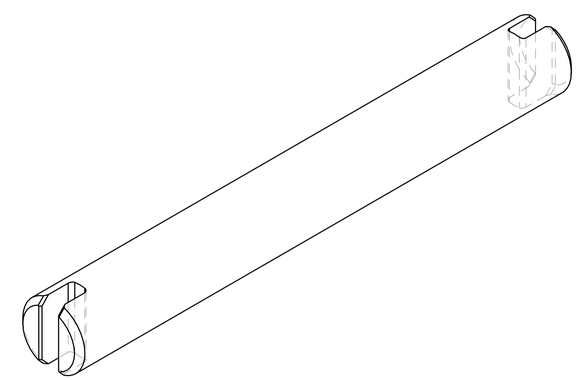
NOTES:

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 SE142C-222.PRT
5. DRAWING AND MODELS COMBINED DEFINE FINISHED MACHINED PART.
6. MAGNETIC PERMEABILITY NOT TO EXCEED 1.02.





ISOMETRIC VIEW

1

SCALE 4 : 1

RELEASED FOR FABRICATION / INSTALLATION

PPPL Drafting: ? Jerry Siegel 2005.11.10 08:54:38 -05'00'

AR		-1	THREADED STUD	UNS 31600 6		
SE142C-050	-1	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
		NEXT ASSEMBLY		PARTS LIST			

SE142C-222

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

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

DES	PJ FOGARTY	6-05
DRW	GARY LOVETT	6-05
CHK	M. J. COLE	11/05
SECT	:	:
DEPT	:	:
PE	D. WILLIAMSON	11/05
CR	:	:
PJ	:	:
REQ	:	:
PPPL DRFT	J. SIEGEL	11/05
	:	:
	:	:
DRAWING APPROVALS		DATE

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

LEAD BLOCKS
THREADED STUD

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

RELEASE LEVEL		REV
Fabrication	SE142C-222	0