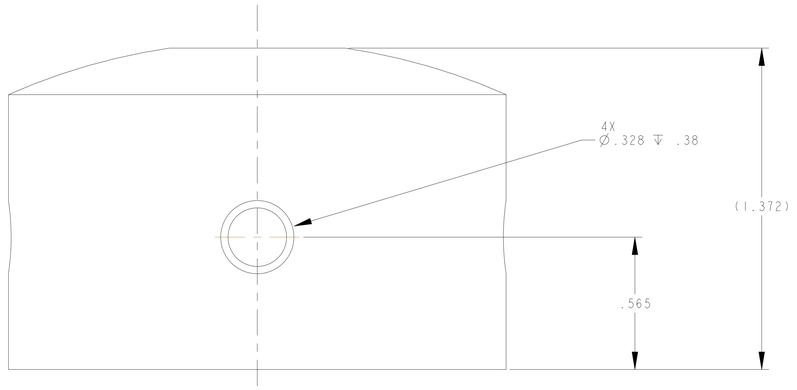
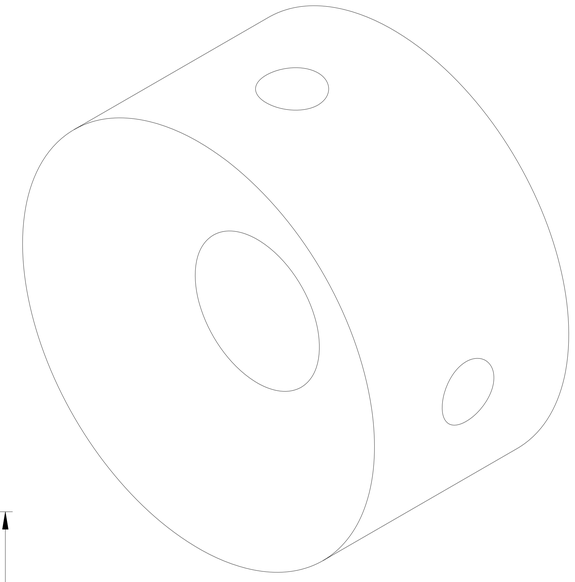
NEXT ASS'Y: FINAL ASS'Y:

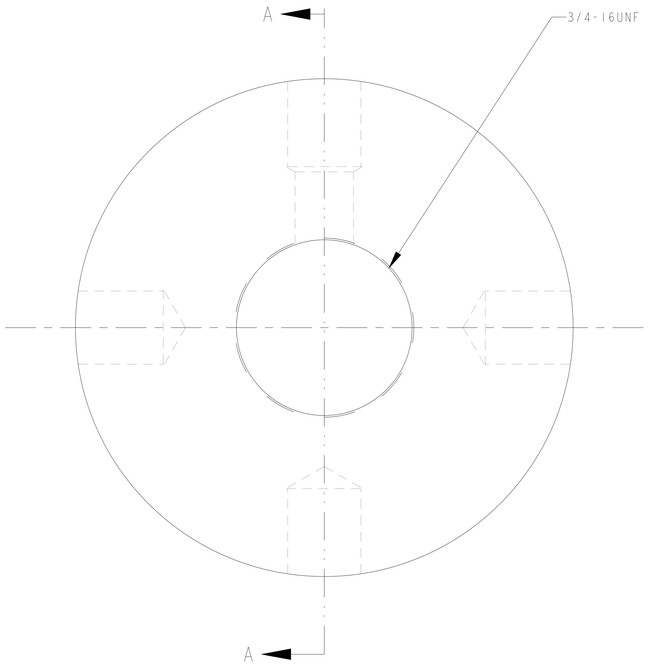
NOTES:

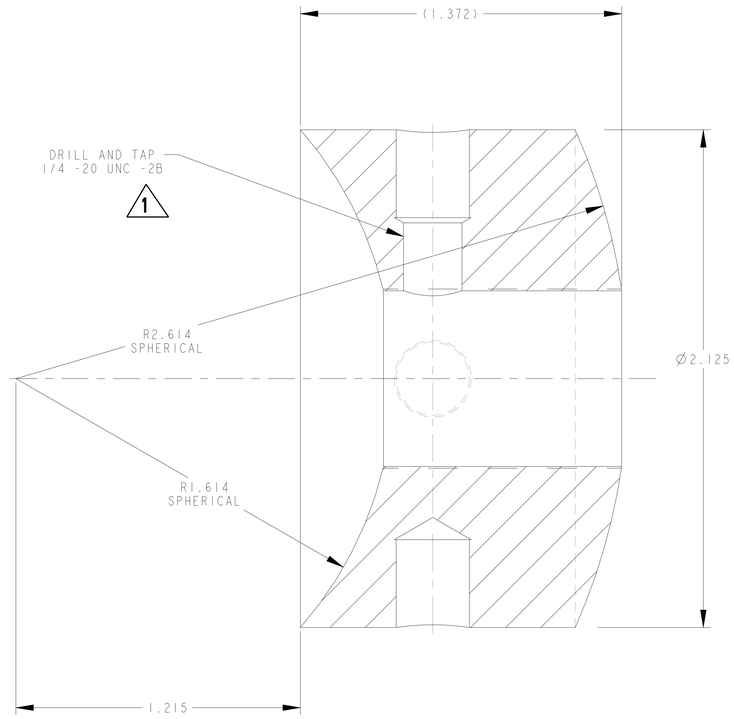
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
2. DIMENSIONS ARE IN INCHES
3. DIMENSIONS APPLY AT TEMPERATURE OF 20-30°C (68-86°F)
4. DRAWING DEPICTS FINAL MACHINED STATE OF PART DEFINED BY PRO/ENGINEER FILE SE124-034.PRT
5. APPROXIMATE WEIGHT= 0.52 lbs.





ISOMETRIC VIEW





SECTION A-A

next assy SE124-051		-1	VERTICAL UPPER SUPPORT SPHERICAL NUT	TITANIUM 6AL-4V		1
	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
	← NEXT ASSEMBLY		PARTS LIST			

SE124-034

B

1 SCALE 4.0

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
1	REVISE PART AND DRAWING PER ECN 5283	GLL	09/07	PG		09/07						
0	ORIGINAL ISSUE	GHJ	3/3/05									

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

DES	PAUL MILLER	08-17-04
DRW	PAUL MILLER	08-17-04
CHK	J.M.RAY	04-07-05
SECT	:	:
DEPT	:	:
PE	:	:
CR	:	:
PJ	:	:
REQ	:	:
PPPL CRFT	:	:
	:	:
	:	:

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

VERTICAL UPPER SUPPORT SPHERICAL NUT DETAIL

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

RELEASE LEVEL: WIP — SE124-034 — REV 1

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