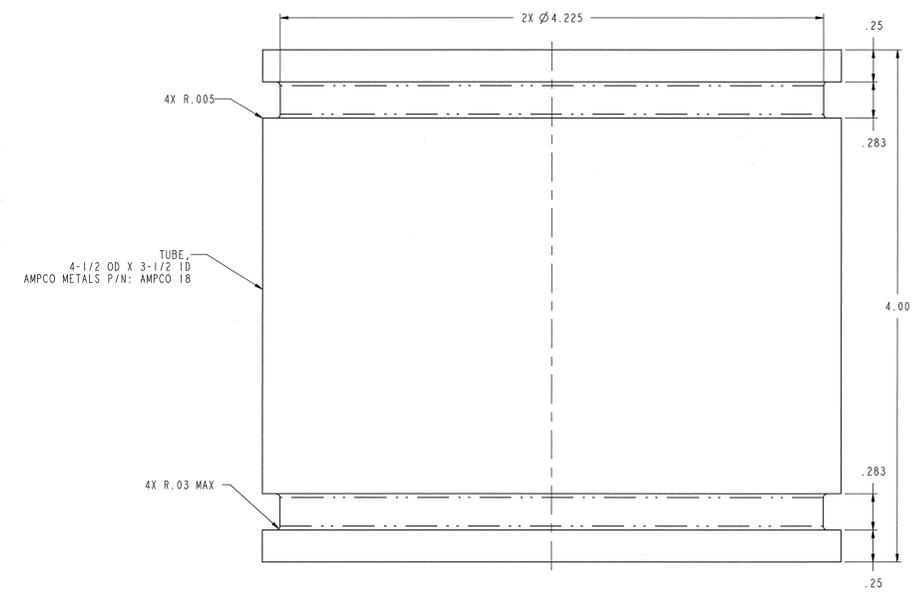
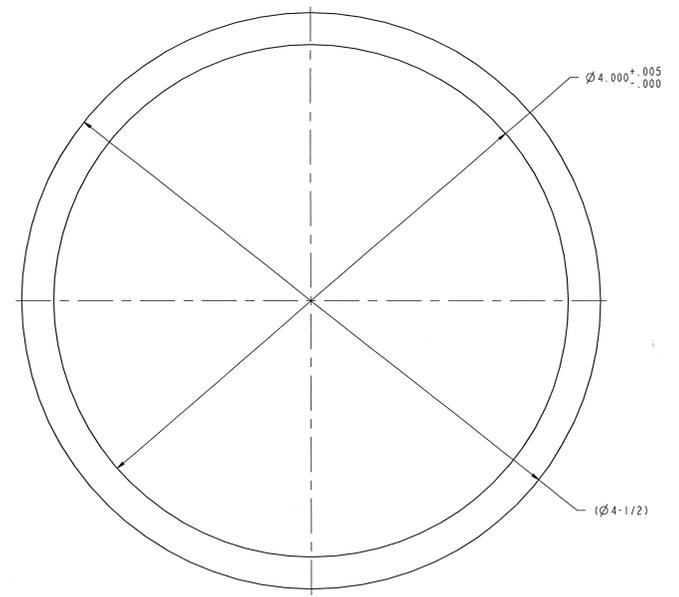
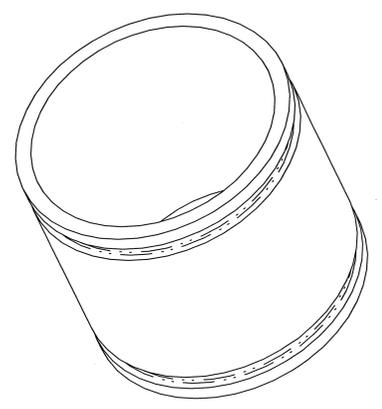


GENERAL NOTES:
 1) DIMENSIONS AND SYMBOLS ARE AMERICAN NATIONAL STANDARD UNLESS OTHERWISE SPECIFIED.
 2) ROUGHNESS AVERAGE EQUALS .125 MICROINCHES UNLESS OTHERWISE SPECIFIED.
 3) DIMENSIONS AND TOLERANCES ARE IN INCHES.
 4) BREAK ALL SHARP EDGES.
 5) TOLERANCES:
 DECIMALS: .X = ±.060
 .XX = ±.030
 .XXX = ±.010
 FRACTIONS: ±1/16
 ANGULAR: ±1°



TUBE
 4-1/2 OD X 3-1/2 ID
 AMPCO METALS P/N: AMPCO 18

NOTES:
 1. THIS COMPONENT IS SUBJECT TO THE REQUIREMENTS SET FORTH IN SECTION 15065.

SCALE: 2/1

108030700-J8E-8700-A206

Knights/Jacobs Knight/Jacobs Joint Venture
 701 Scarborough Road, MS 8253
 Oak Ridge, TN 37830
 865-241-9433
 fax 865-241-3400

MERRICK
 Engineers & Architects

UT-BATTELLE Oak Ridge National Laboratory, managed by UT-Battelle, LLC, for the U.S. Dept. of Energy under contract DE-AC05-00OR22725

PROJECT NAME:
 SPALLATION NEUTRON SOURCE
 TARGET BUILDING
 CASK CART
 GUIDE ROD BEARING DETAIL

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	J	X	X	8	8700		1	1	G	U
51	52	53	WBS							REV
NC	NA	IN	1.8.3.7	J3.61.35						0

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

THIS DOCUMENT CONTROLLED BY CHANGE CONTROL SYSTEM. ENGINEERING PROCEDURE SNS-ENG-001

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR	
0		CERTIFIED FOR CONSTRUCTION - 10/26/01	NHL	TBO		10/26/01	RPO	11/26/01								106873	10/26/01											

RPE

DSN: M. L. ...
 DRW: R. D. ...
 CHK: R. D. ...
 DEPT: ...
 PE: R. D. ...
 PJ: R. D. ...

REV. 0 DATE 10/26/01

UTB: R. D. ...
 DATE 11/26/01