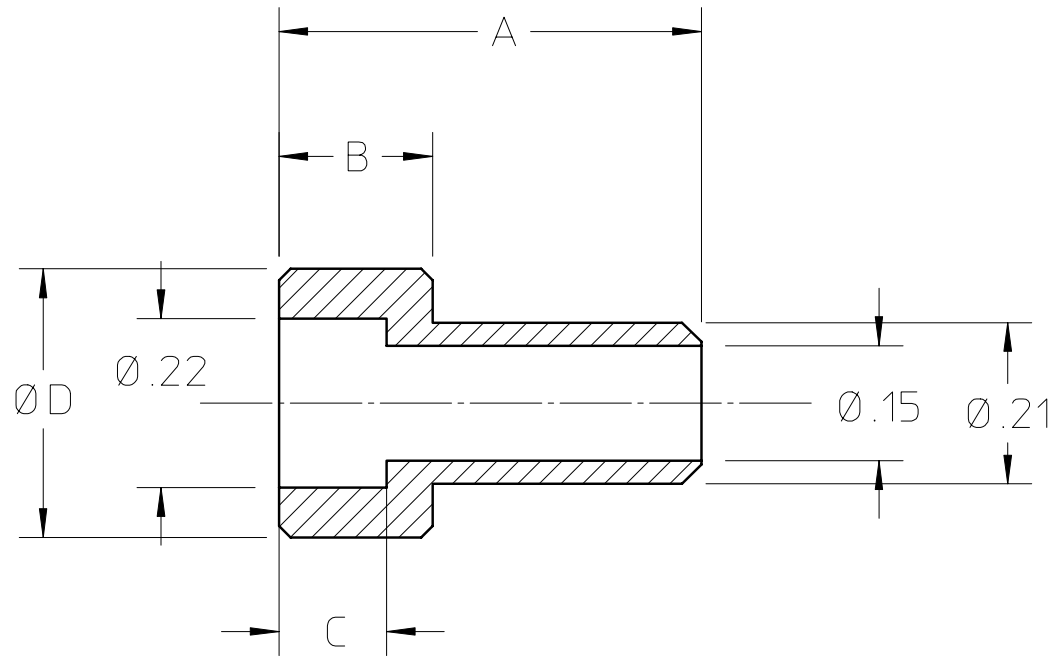
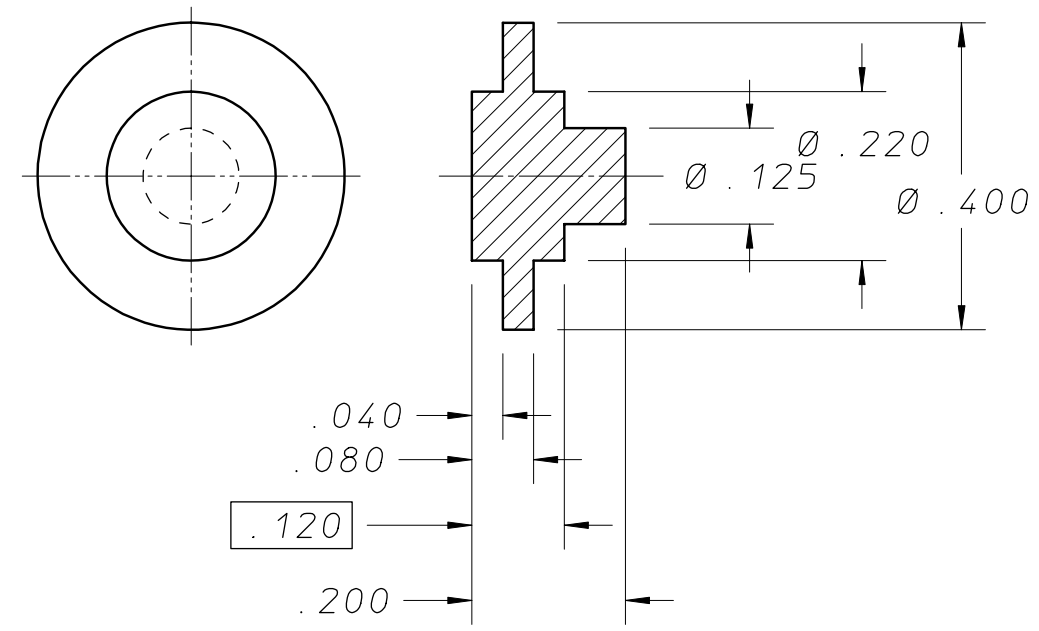
21C9302A	REQD	ITEM	PART NUMBER	DESCRIPTION
	-	1		INSULATING INSERT - LONG (VESPEL)
	-	2		INSULATING INSERT - SHORT (VESPEL)
	-	3		INSULATING SPACER RING (MACOR)



INSERT	A	B	C	D
TYPE-1	.55	.20	.14	.35
TYPE-2	.46	.26	.19	.35

TYPE-3 SPACER RING

BREAK ALL EDGES TO .01"



REV	DWN	CHK	DATE	DESCRIPTION
A	DWC	-	10/5/00	UPDATED GEOMETRY

UNLESS OTHERWISE SPECIFIED

TOLERANCE .X ± .1 .XX ± .01 .XXX ± .001

SURFACE FINISH 125 √

1. SAWED, FLAMECUT, SHEARED OR CUT STOCK FINISH.
2. THREADS CLASS 2.
3. CHAMFER ENDS OF ALL SCREW THRDS 30°.
4. 1 1/2 PITCH RELIEF WITH ROUND NOSE TOOL ON ALL MACHINE CUT THRDS.
5. BREAK EDGES 1/64 MAX. ON MACHINE WORK.
6. REMOVE BURRS, LOOSE SCALE AND WELD SPLATTER.
7. REF.-USASI OR ASA STDS SECT Y-14 & B46-1.

SHOP ORDERS

ACCT NO | SER NO

DATE ISSD | DATE REQD | NO REQD

DELIVER TO

SURFACE TREATMENT DEGREASE

IDENTIFIC METHOD TAG

DWG BY S. MUKHERJEE | DATE 01-29-99

CHK BY DAN CHENG | DATE 5/6/99

LAWRENCE BERKELEY LABORATORY

UNIVERSITY OF CALIFORNIA-BERKELEY

SNS - FRONT END SYSTEM

ION SOURCE PROTOTYPE DESIGN

OUTLET ELECTRODE INSULATING INSERTS

PAT CLEAR	DWG TYPE	SHOWN ON	SCALE: 4 : 1
	DETAIL	21C8934	DO NOT SCALE PRINTS

MICROFILMED	DESIGN ACCT NO	CATEGORY CODE	DWG NO	REV
	8210-14	FE1100	21C9302A	