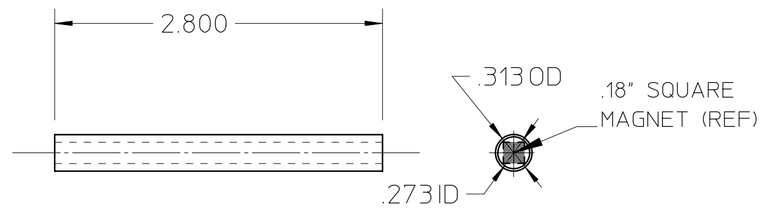
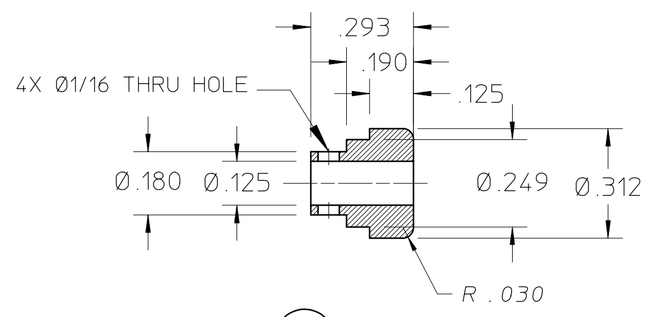
REQ	ITEM	PART NUMBER	DESCRIPTION
2	1		TUBING ROUND, 5/16"ODx.020 WALL SST
2	2		BAR ROUND, 5/16" DIA SST TYPE 316L
2	3		BAR ROUND, 5/16" DIA SST TYPE 316L
2	4		BAR, SST TYPE 316L
3	5		BAR, SST TYPE 304
2	6		TUBING ROUND, 1/8"ODx.016 WALL SST
1	7		TUBING ROUND, 1/8"ODx.016 WALL SST
2	8	21C8492	FILTER MAGNET SPECIFICATIONS
2	9	21G7711-2	LEGRIS WATER FITTING PREP, LONG, CUT TO 5.5" LONG



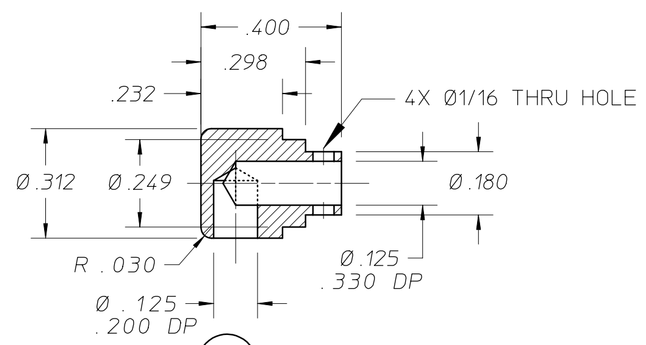
ITEM (1) 2 REQD,
MAT'L; TUBING, 5/16 ODx.020 WALL SST

SCALE;1/1



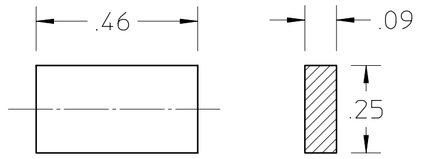
ITEM (2) 2 REQD,
MAT'L; SST TYPE 316L

SCALE; 3/1



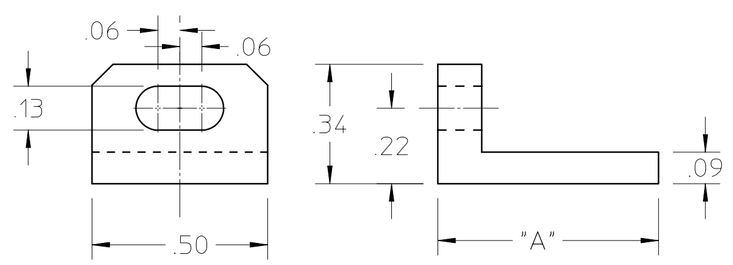
ITEM (3) 2 REQD,
MAT'L, SST TYPE 316L

SCALE; 3/1



ITEM (4) 2 REQD,
MAT'L; SST TYPE 316L

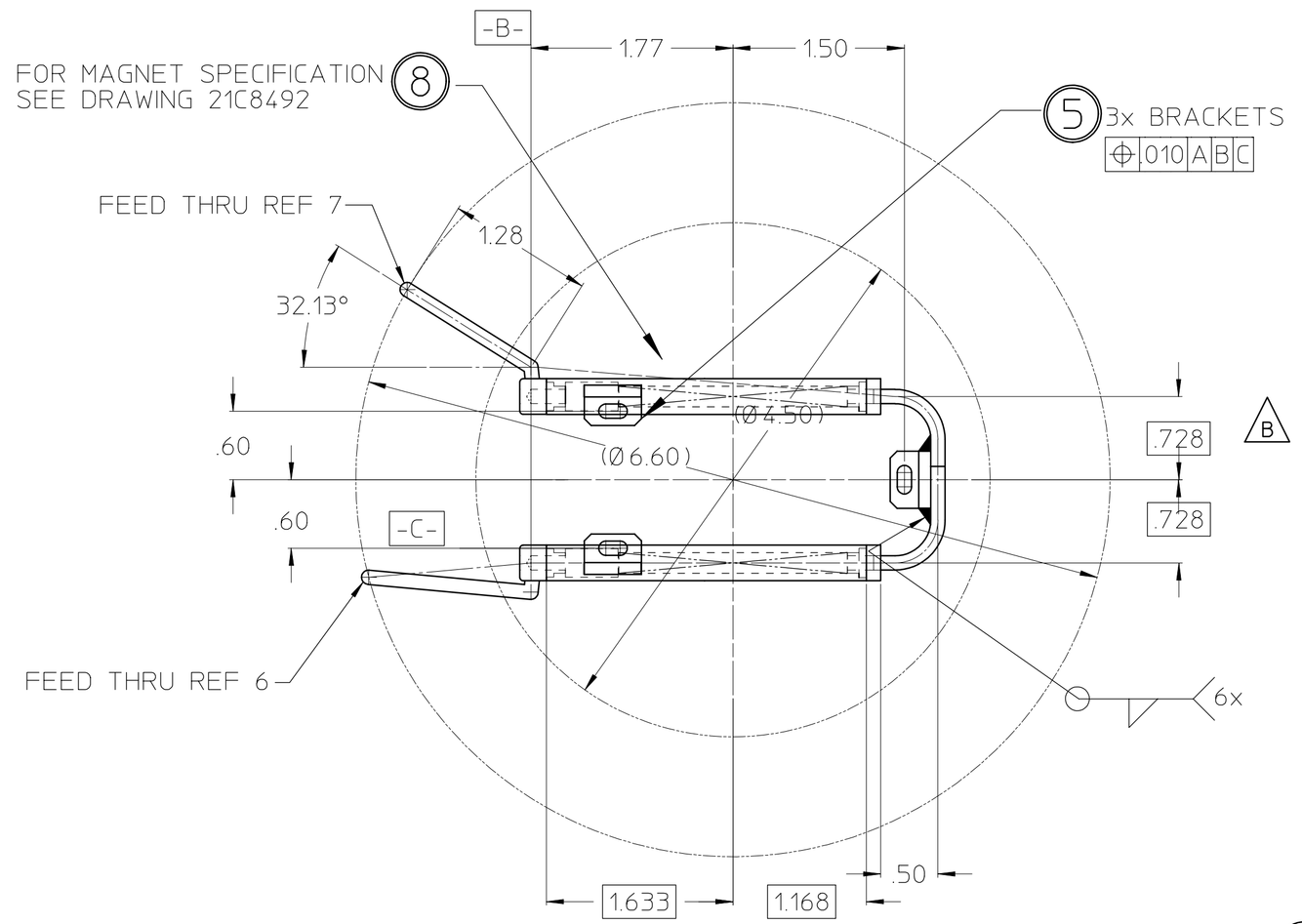
SCALE; 3/1

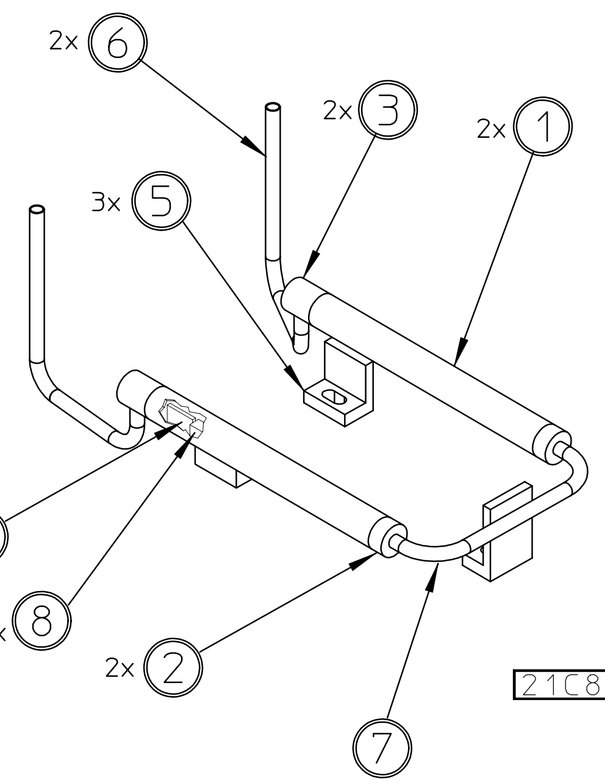


	"A"
LONG	.32
SHORT	.63

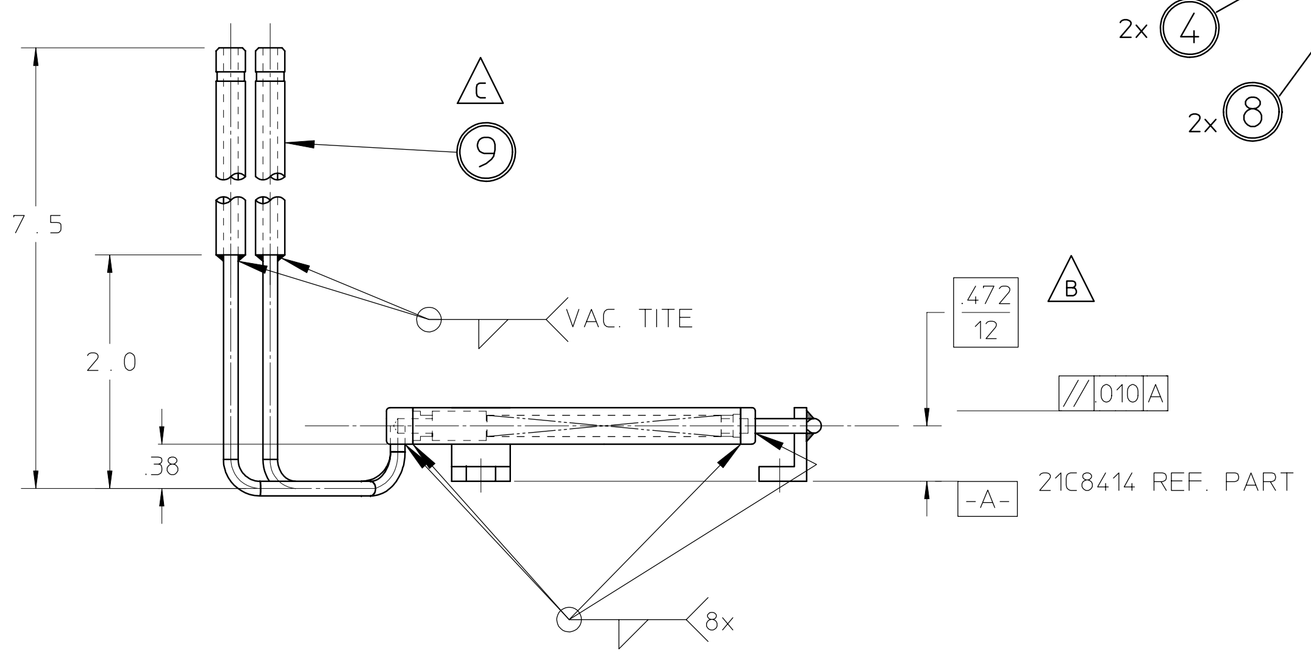
ITEM (5) 2 "SHORT" REQD,
1 "LONG" REQD. (B)
MAT'L; SST TYPE 304

SCALE; 3/1





21C8444C



REV	DWG	CHK	ZONE	DATE	CHANGES
C	DWC		B4	9/14/01	ADDED ITEM 9 AND DIMENSION
B	DWC		C2	11/15/00	.728 DIMENSION WAS .984
B	DWC		B2	11/15/00	.472 DIMENSION WAS .591
B	DWC		A6	11/15/00	ADDED TABULAR DIMENSION
A	RLOW		-	7/15/00	REVISED, REDRAWN AND UPDATED

UNLESS OTHERWISE SPECIFIED

TOLERANCES: X ± .1 | FRAC. ± 1/64 | XX ± .01 | ANGLES ± 1° | XXX ± .005 | FINISH 125

THREADS ARE CLASS 2
CHAMFER ENDS OF ALL SCREW THREADS 30° CUT 1.5 PITCH THRD RELIEF WITH ROUND NOSE TOOL ON MACHINE CUT THREADS.
BREAK EDGES .016 MAX. ON MACHINED WORK
REMOVE BURRS WELD SPLATTER & LOOSE SCALE
REFERENCES: ANSI Y14.5 & B46.1.

SHOP ORDERS

ACCT. NO. | SERIAL NO.
DATE ISSD | DATE REQD. | NO. REQD.
DELIVER TO
SURFACE TREATMENT: DEGREASE
IDENT. METH.: TAG
DWG. BY: S. MUKHERJEE | DATE: 01-04-99
CHK BY: M. LEITNER | DATE: 03-10-99

LAWRENCE BERKELEY LABORATORY
UNIVERSITY OF CALIFORNIA-BERKELEY

SNS - FRONT END SYSTEM
ION SOURCE PROTOTYPE DESIGN
FILTER MAGNET ASSEMBLY

PATENT CLEAR	DWG. TYPE	SHOWN ON	SCALE	DO NOT SCALE PRINTS
	ASSEMBLY	21C8406	FULL	
MICROFILMED	DESIGN ACCT. NO.	CATEGORY CODE	DWG. NO.	SIZE / REV.
	8210-14	FE1100	21C8444	C