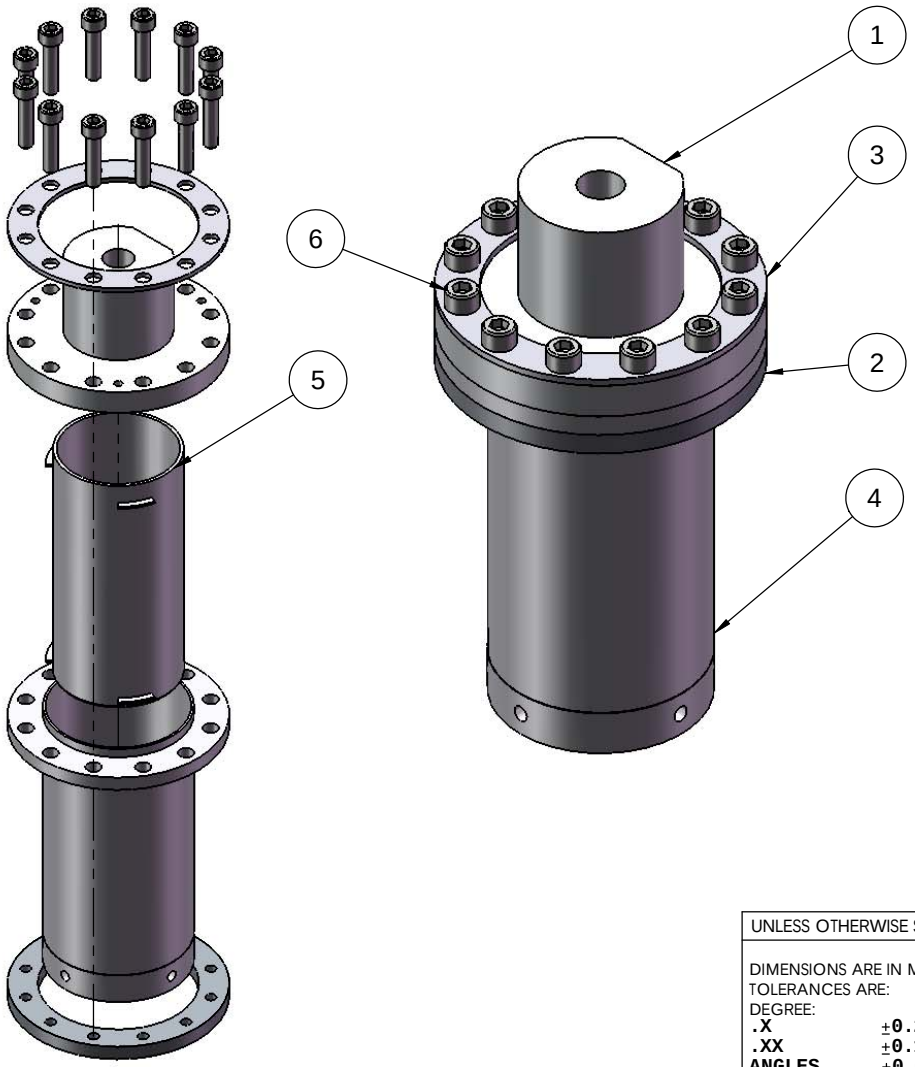

Exploded View
Scale 2:3

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	HFBS-01	Sample Can Lid - Aluminum, 6061-T6	1
2	HFBS-02	Fastening Ring - Stainless Steel, no Cobalt	1
3	HFBS-03	Washer Ring - Stainless Steel, no Cobalt	1
4	HFBS-04	Outer Can - Aluminum, 6061-T6	1
5	HFBS-05	Insert A (1.5 mm gap) - Aluminum, 6061-T6	1
6	HX-SHCS 0.112-40x0.5x0.5-N	#4-40 x 0.5 in. Socket Head Cap Screws - Steel, no Cobalt	12

These drawings are provided for the use in prepartation for experiments on HFBS instrument. We invite our users to use these drawings to assist in determining sample volumes and mounting of samples. If you would prefer to construct your own sample cans, sufficent information should be present. If there are any question about dimensions please contact a HFBS instrument scientist.

The sample cans have been tested for non hazardous samples and ambient conditions. Samples involving hazardous materials, explosive materials, increased pressure, acidic solutions, and extreme temperature conditions might not be accomidated by this sample can design. These experiments should be discussed prior to use of this sample can. You are welcome to make changes and modifications to the design, bearing in mind that such modifications might require safety review prior to the experiment being run.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN MM TOLERANCES ARE: DEGREE: .X ±0.2 .XX ±0.13 ANGLES ±0.5	DRAWN	TAJ	8/5/2008
	CHECKED		
	ENG APPR.		
	MFG APPR.		
	Q.A.		
INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:		
MATERIAL Per BOM			
FINISH			
DO NOT SCALE DRAWING			

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TITLE:
Overview

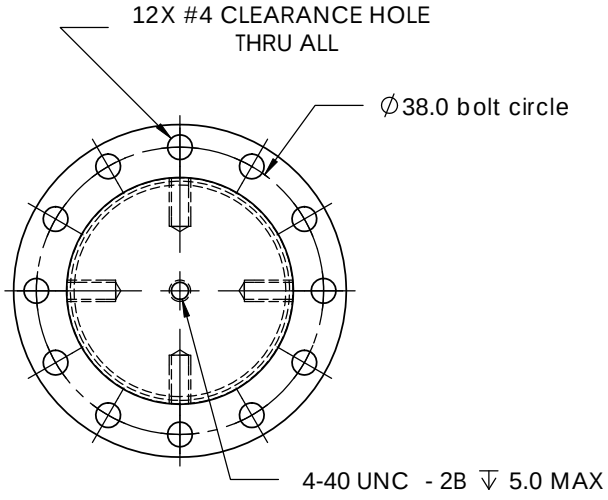
FOR: HFBS Annular Sample Can .v1

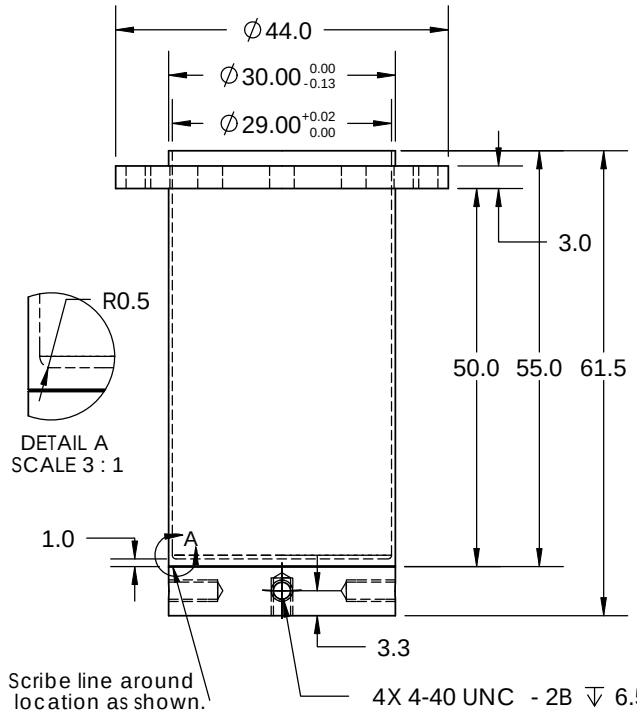
SIZE	DWG. NO.	REV
A	HFBS-SC-v01	1

SCALE 1:1	WEIGHT:	SHEET 1 OF 4

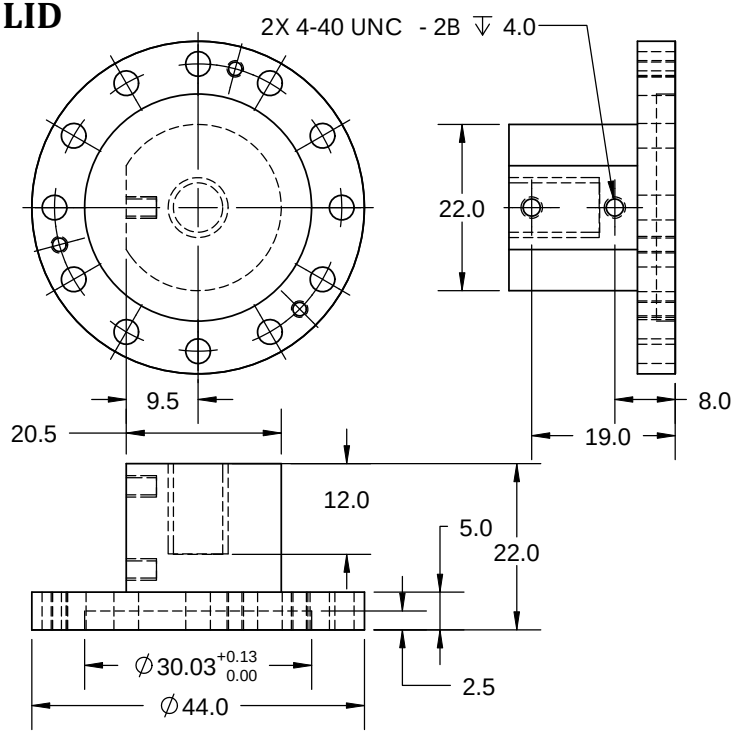
5 4 3 2 1

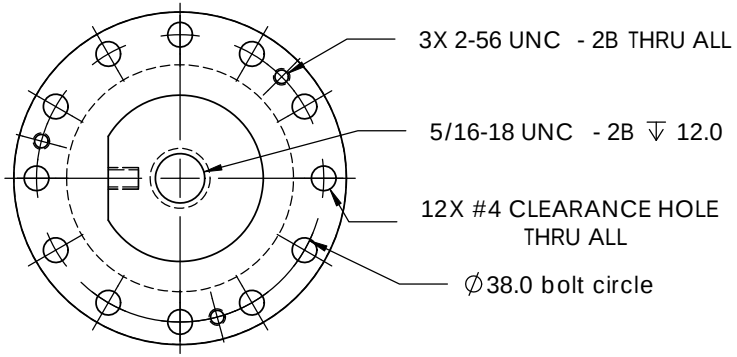
OUTER CAN



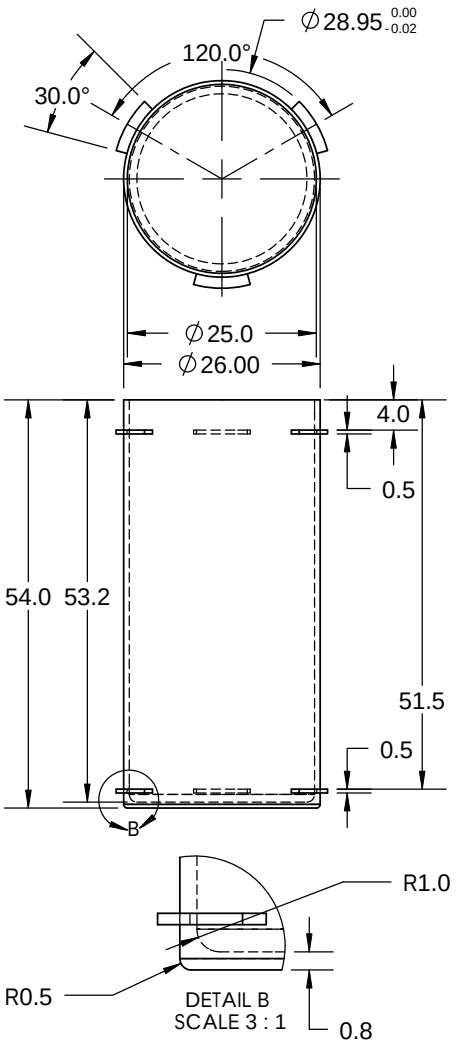


LID





INSERT (1.5mm gap)



UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN MM TOLERANCES ARE: DEGREE: .X ±0.2 .XX ±0.13 ANGLES ±0.5	DRAWN	TAJ	8/5/2008
	CHECKED		
	ENG APPR.		
	MFG APPR.		
	Q.A.		
INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:		
MATERIAL: Aluminum, 6061-T6			
FINISH			
DO NOT SCALE DRAWING			

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TITLE: **Aluminum Parts**

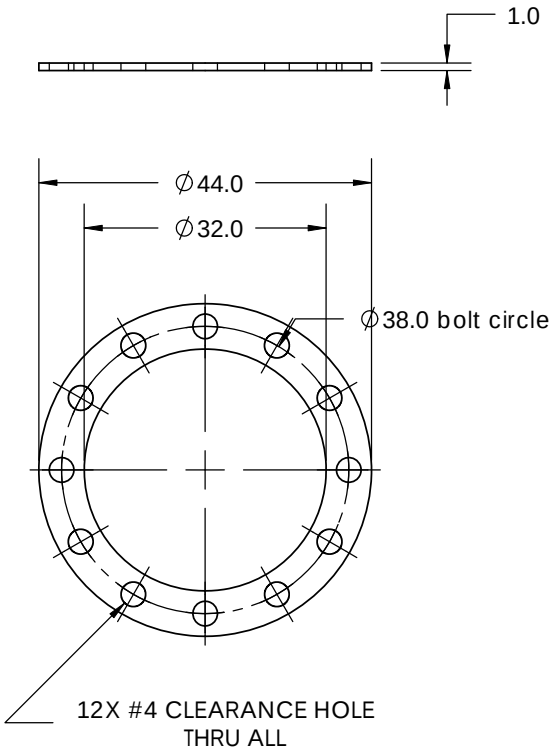
FOR: HFBS Annular Sample Can .v1

SIZE	DWG. NO.	REV
A	HFBS-SC-v01	1

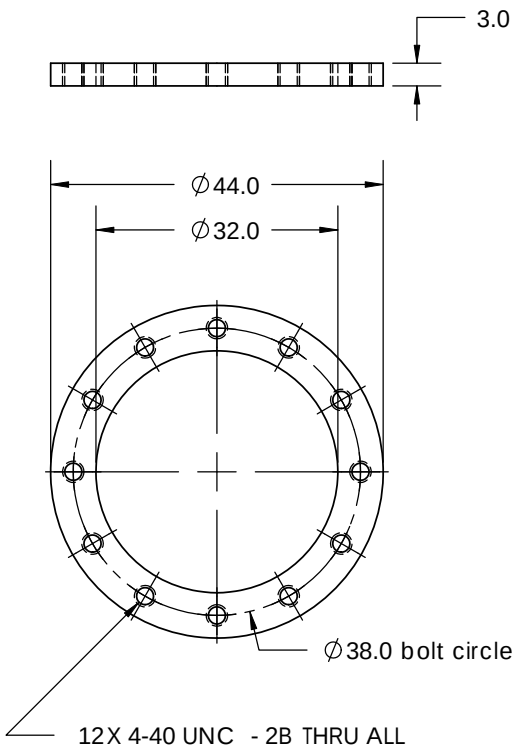
SCALE 1:1 | WEIGHT: | SHEET 2 OF 4

5 4 3 2 1

WASHER RING



FASTENING RING



UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN MM TOLERANCES ARE: DEGREE: .X ±0.2 .XX ±0.13 ANGLES ±0.5	DRAWN	TAJ	8/5/2008
	CHECKED		
	ENG APPR.		
	MFG APPR.		
INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		
MATERIAL: AISI 304	COMMENTS:		
FINISH			
DO NOT SCALE DRAWING			

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TITLE: **Steel Parts**

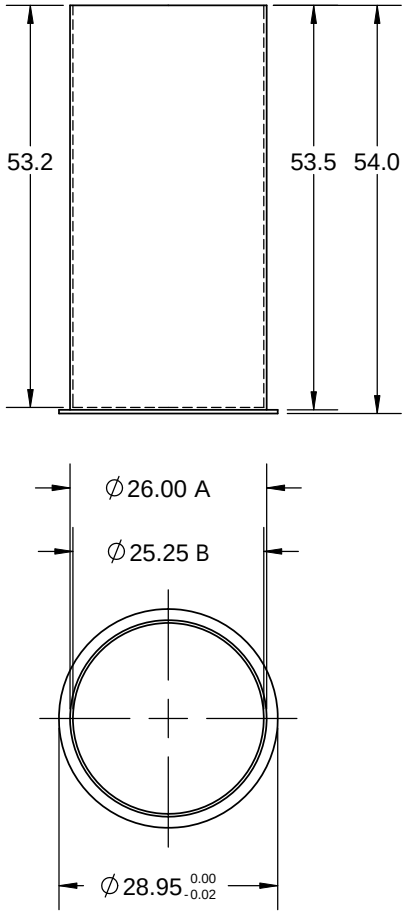
FOR: HFBS Annular Sample Can .v1

SIZE	DWG. NO.	REV
A	HFBS-SC-v01	1

SCALE 1:1	WEIGHT:	SHEET 3 OF 4

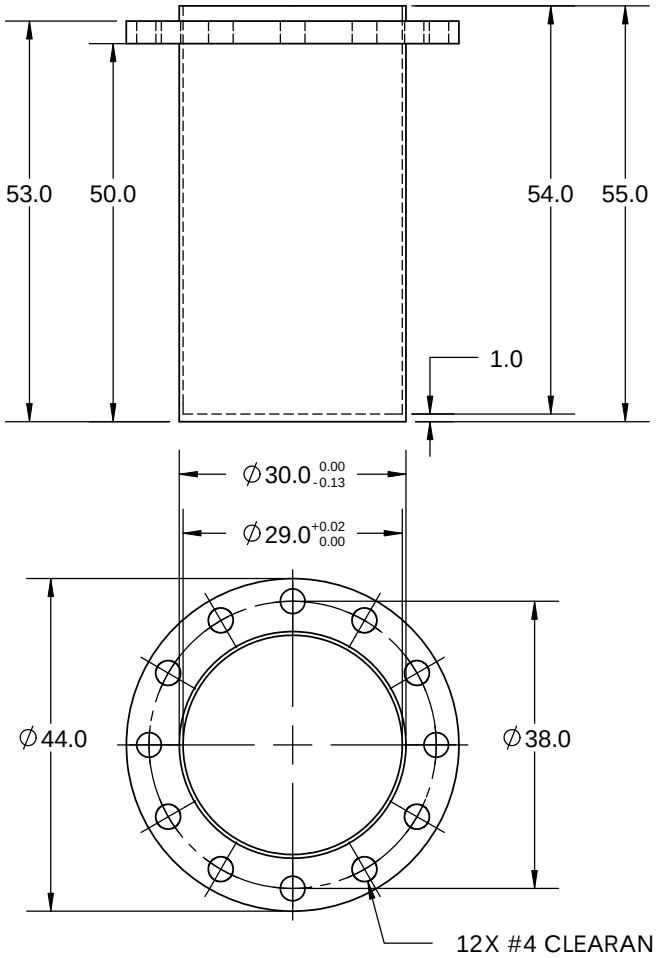
5 4 3 2 1

PRIOR INSERT VERSION (1.5mm gap)



Annular measurements		
Annular Gap	Measurement A	Measurement B
1.5 mm	26.00	25.25
1.0 mm	27.00	26.25
0.5 mm	28.00	27.25
0.2 mm	28.60	27.85

OLD OUTER CAN



UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN MM TOLERANCES ARE: DEGREE: .X ±0.2 .XX ±0.13 ANGLES ±0.5	DRAWN	TAJ	8/5/2008
	CHECKED		
	ENG APPR.		
	MFG APPR.		
	Q.A.		
INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:		
MATERIAL Per BOM			
FINISH			
DO NOT SCALE DRAWING			

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Gaithersburg, MD 20899

TITLE:
Additional Parts

FOR: HFBS Annular Sample Can .v1

SIZE	DWG. NO.	REV
A	HFBS-SC-v01	1

SCALE 1:1 | WEIGHT: | SHEET 4 OF 4

5 4 3 2 1