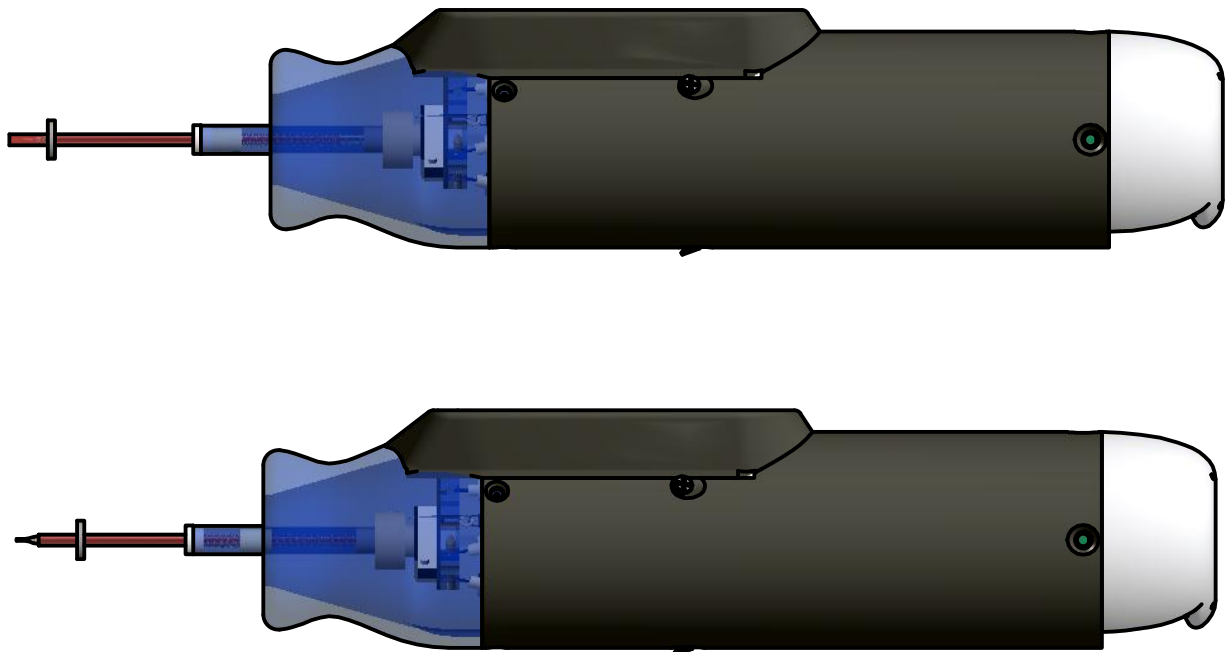


2

1



B

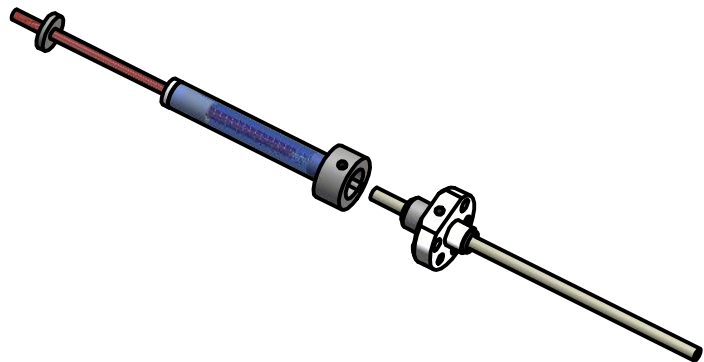
B

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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

A

A



DRAWN sungwook	9/17/2013	TITLE		
CHECKED				
QA				
MFG				
APPROVED		DWG NO Cannulation		
		SIZE A		REV
		SCALE		SHEET 1 OF 5

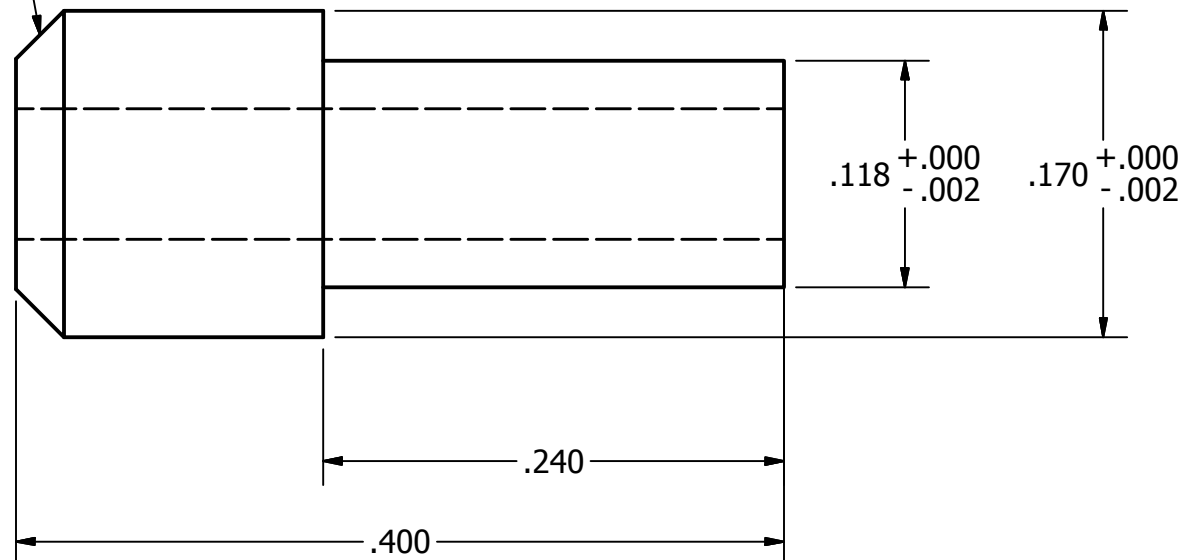
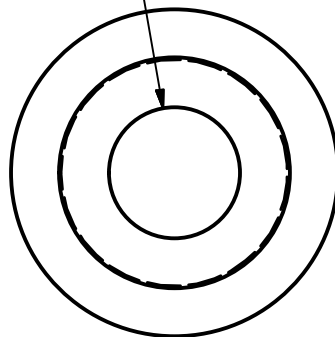
2

1

2

1

Ø.068 THRU
.025 X 45° Chamfer



Note:
Dimension: inch
Material: Delrin
Quantity: 2
Tolerance: ± 0.002 except where indicated
Charge Number: 20124.1.1041177
Contact: Sungwook Yang (412-980-4375,
swyang@cmu.edu)

DRAWN Sungwook	9/17/2013	TITLE Adaptor		
CHECKED				
QA				
MFG				
APPROVED				
		SIZE A	DWG NO Cannulation	REV
		SCALE	10:1	SHEET 2 OF 5

2

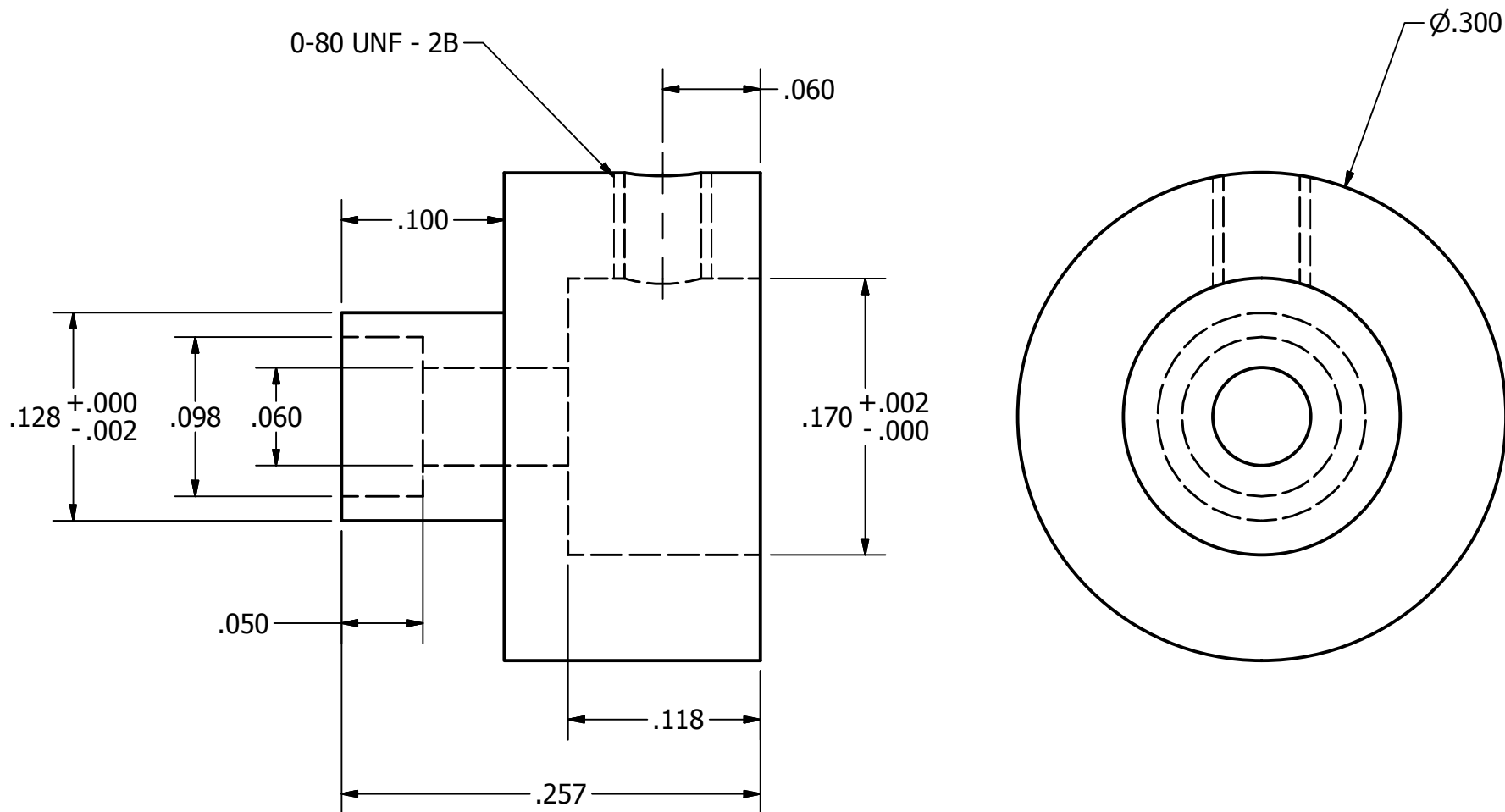
1

2

1

B

B



A

A

Note:
 Dimension: inch
 Material: Delrin
 Quantity: 2
 Tolerance: ± 0.002 except where indicated
 Charge Number: 20124.1.1041177
 Contact: Sungwook Yang (412-980-4375,
 swyang@cmu.edu)

DRAWN Sungwook	9/17/2013	<div>TITLE</div> <div>Bottom Cap</div>		
CHECKED				
QA				
MFG				
APPROVED				
		SIZE A	DWG NO Cannulation	REV
		SCALE 10:1	SHEET 3 OF 5	

2

1

2

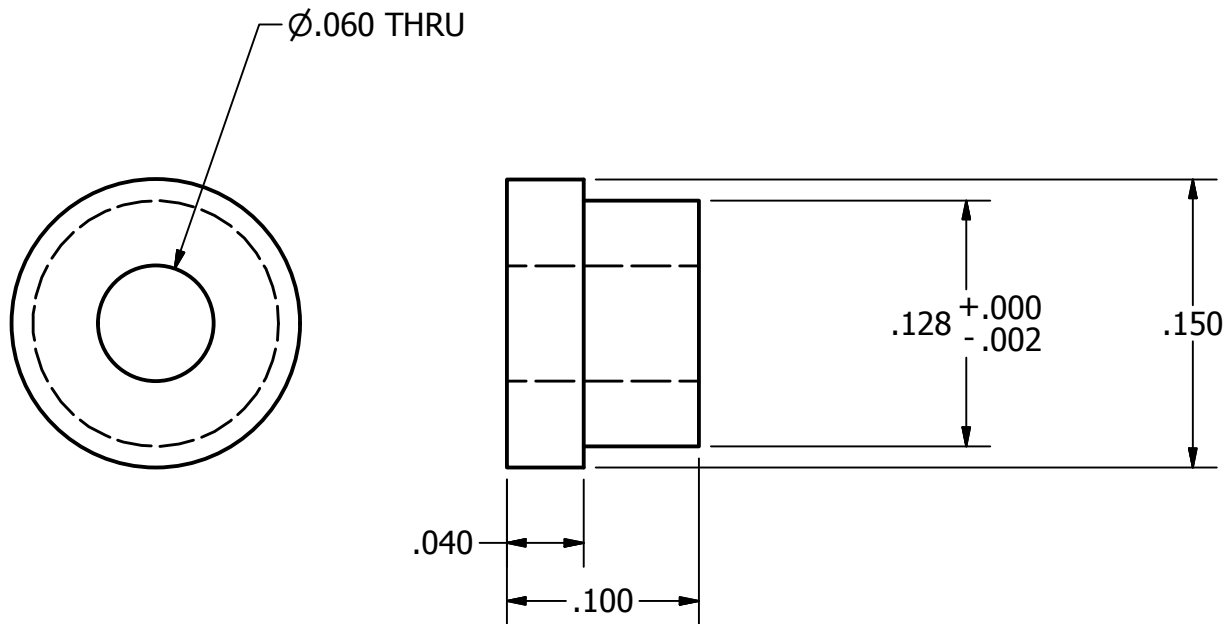
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B

B

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



A

A

Note:
Dimension: inch
Material: Delrin
Quantity: 2
Tolerance: ± 0.002 except where indicated
Charge Number: 20124.1.1041177
Contact: Sungwook Yang (412-980-4375, swyang@cmu.edu)

DRAWN Sungwook	9/17/2013	TITLE Upper Cap		
CHECKED				
QA				
MFG				
APPROVED				
		SIZE A	DWG NO Cannulation	REV
		SCALE	10:1	SHEET 4 OF 5

2

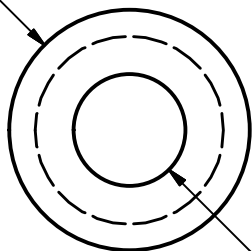
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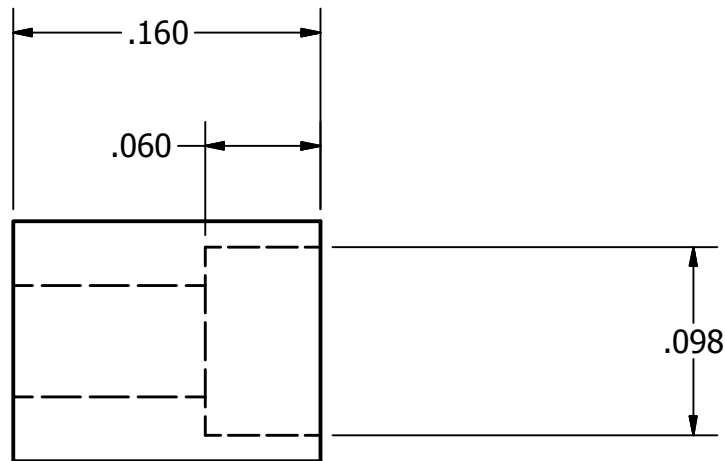
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1

$\varnothing.125 \begin{smallmatrix} +.000 \\ -.002 \end{smallmatrix}$



$\varnothing.058$ THRU



Note:
Dimension: inch
Material: Delrin
Quantity: 2

Tolerance: ± 0.002 except where indicated
Charge Number: 20124.1.1041177
Contact: Sungwook Yang (412-980-4375,
swyang@cmu.edu)

DRAWN Sungwook	9/17/2013	TITLE Inner Block		
CHECKED				
QA				
MFG				
APPROVED				
		SIZE A	DWG NO Cannulation	REV
		SCALE	10:1	SHEET 5 OF 5

2

1