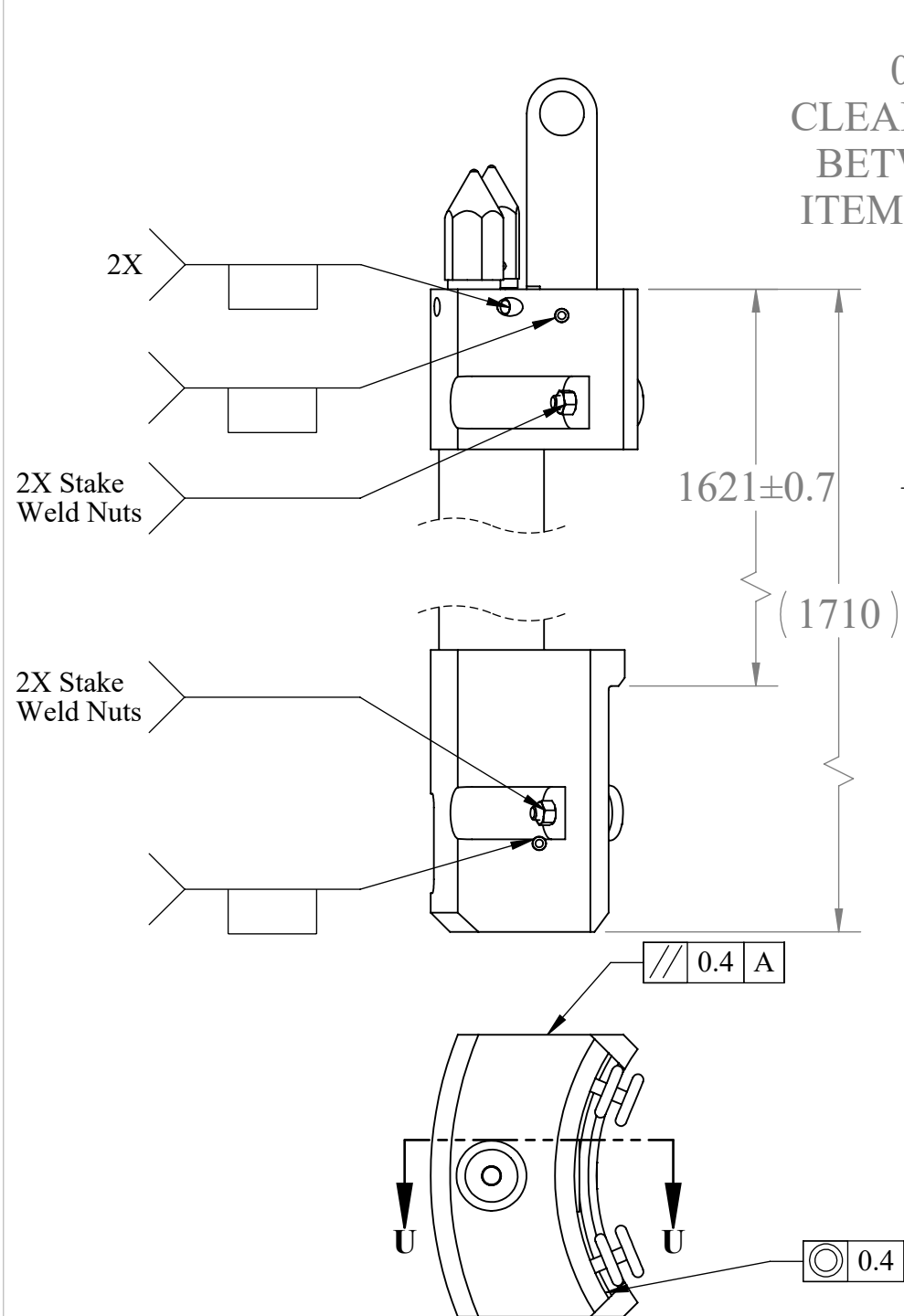
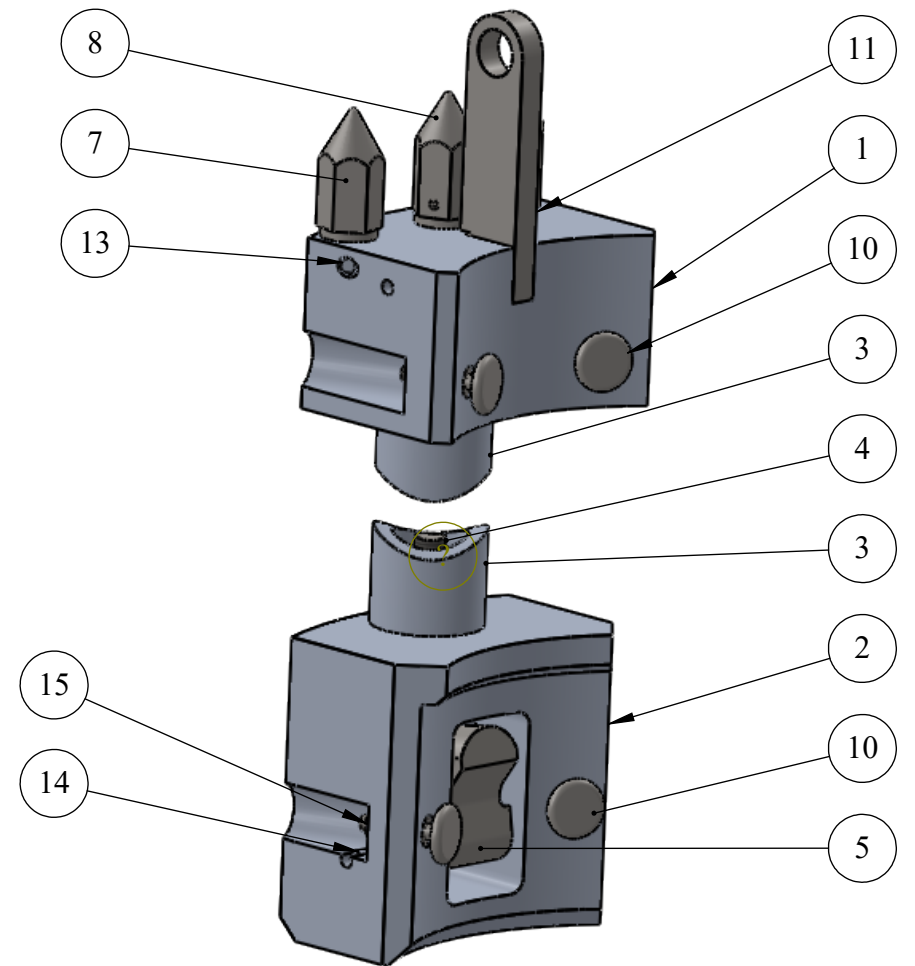
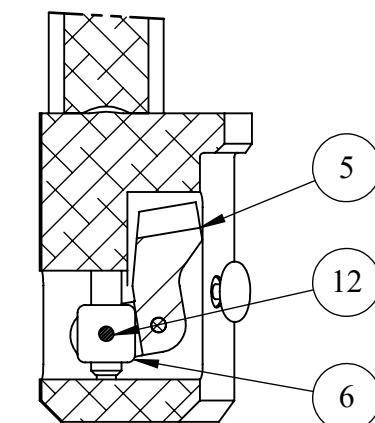
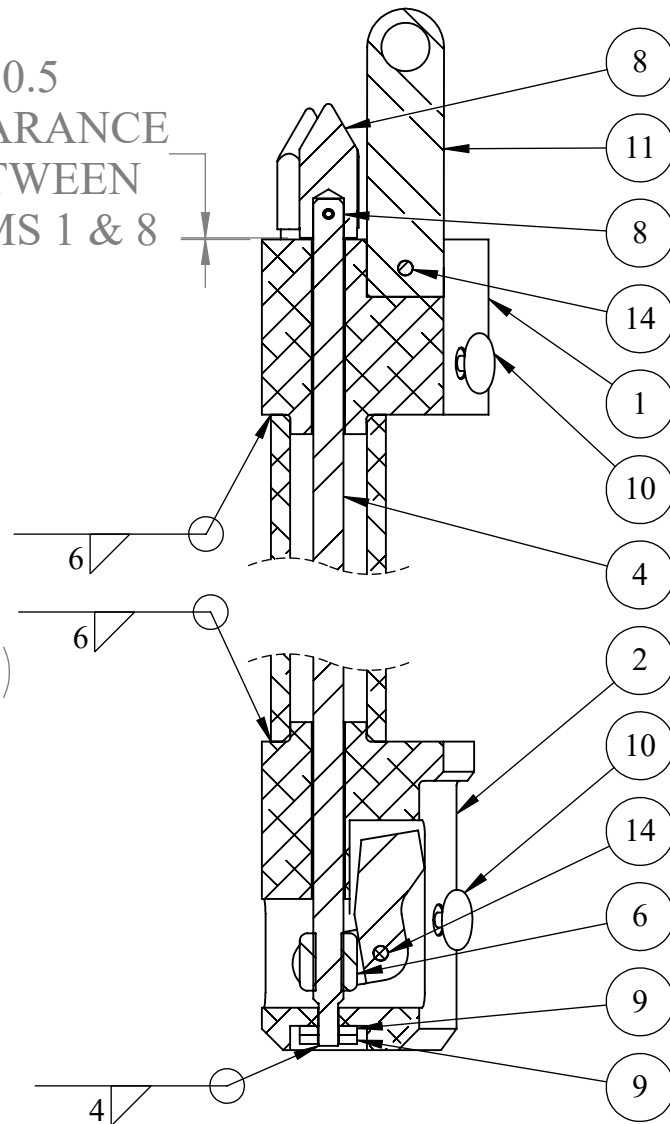


///.4 A



0.5
CLEARANCE
BETWEEN
ITEMS 1 & 8



16	Spring Pin 3 mm x 16 mm	1
15	Hex Nut M5 X 0.8	4
14	Pin C	2
13	Pin B	2
12	Pin A	2
11	Lifting Bail	1
10	Button	4
9	Collar	2
8	Hex Head-B	1
7	Hex Head-A	2
6	Special Nut	1
5	Latch Dog	1
4	Actuator Rod	1
3	Extension Tube	1
2	Lower Head	1
1	Upper Head	1
ITEM NO.	PART NUMBER	QTY.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN
MILLIMETERS

TOLERANCES ARE : ± 0.2 mm

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12/13/2021 2:5 B Sheet 1 of 8

Comments:

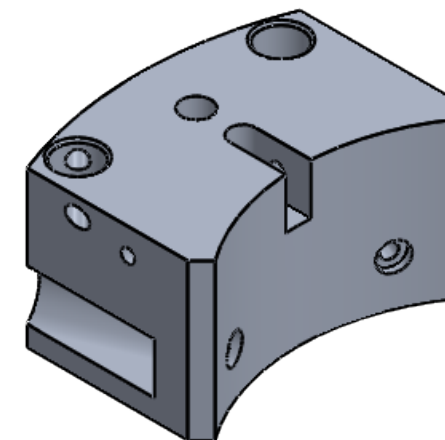
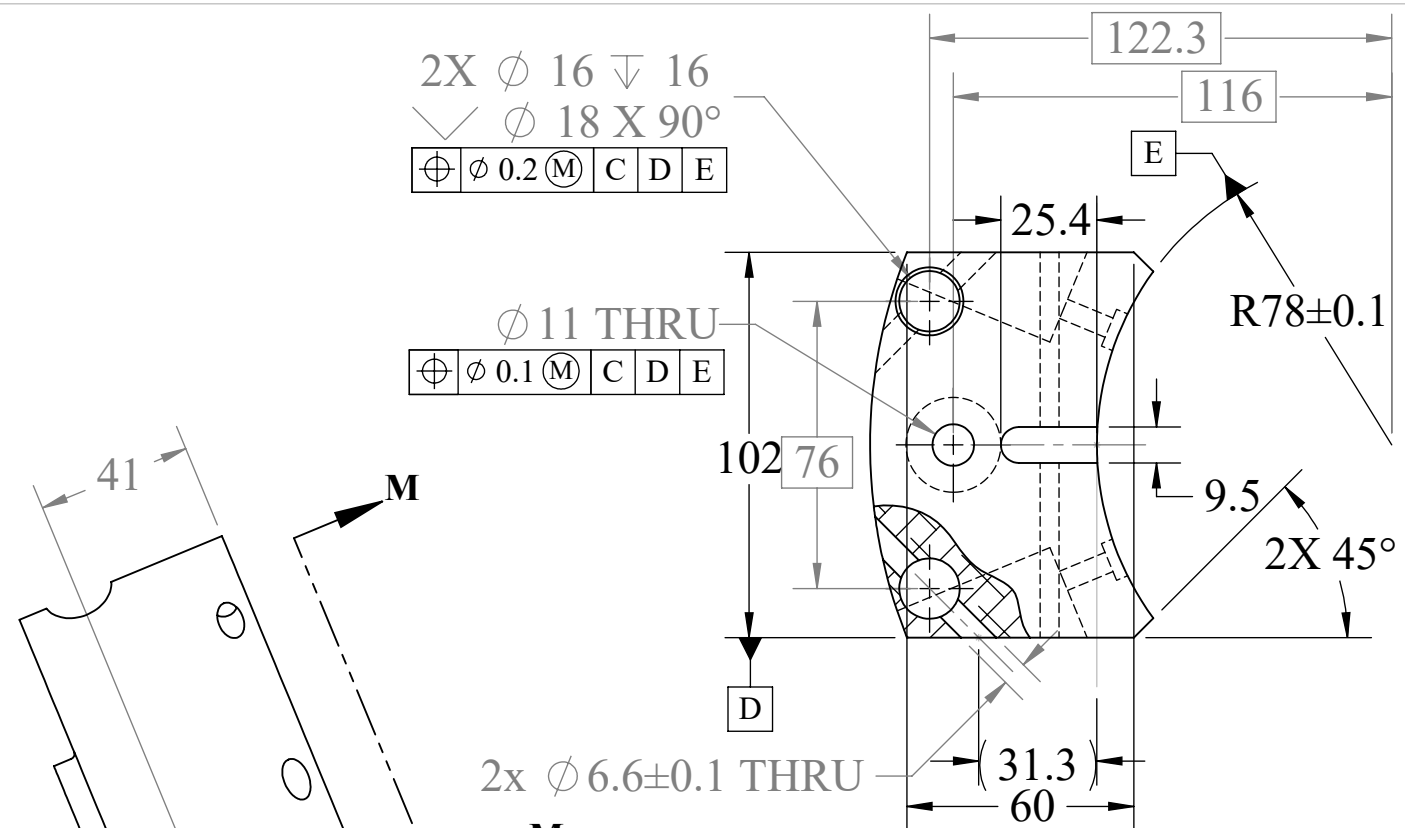
Comments:

Drawing Title: Assem1

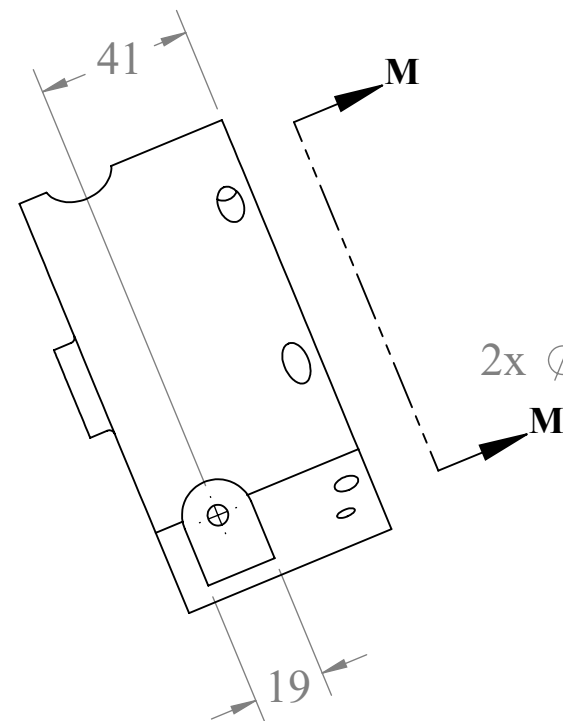
Name: Ammon Keller

Course: ME 272

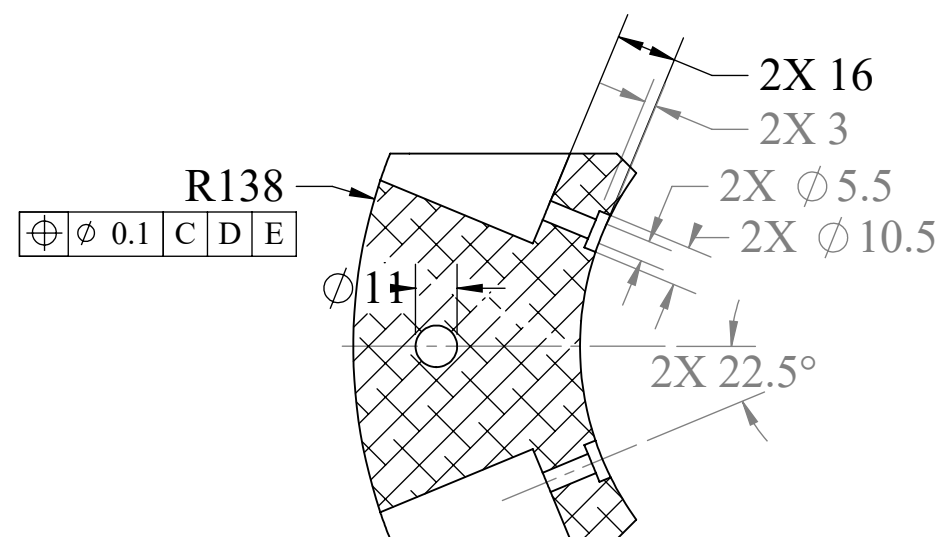
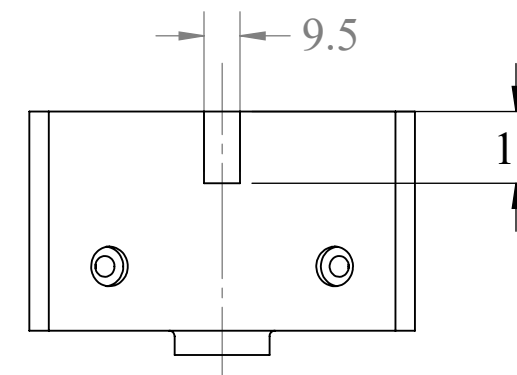
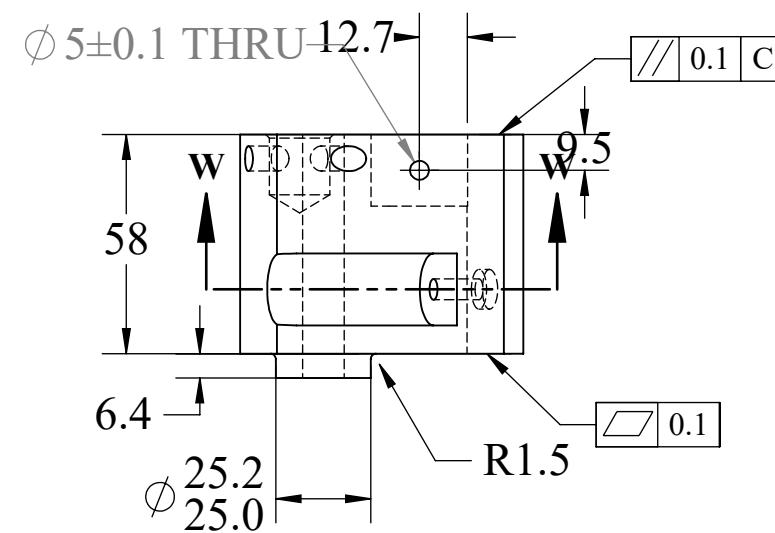
Date: 12/13/2021 Scale: 2:5 Size: B



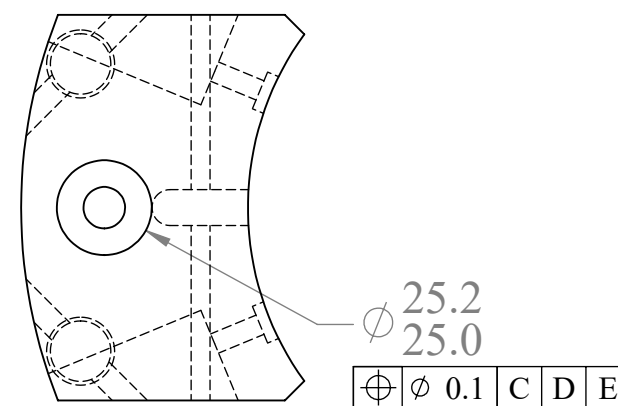
Upper Head
MATERIAL is 6061-T6 (SS)



SECTION V-V

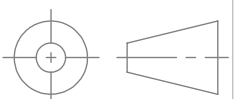


SECTION W-W



UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN
 MILLIMETERS

TOLERANCES ARE: $\pm 0.2\text{mm}$



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Comments:
 Comments:

Drawing Title

Name

Name

Course

Course

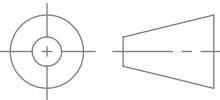
Date

Scale

Size

B

Sheet 2 of 8



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Comments:

Comments:

Drawing Title

Lower Head

Name

Ammon Keller

Course

ME 272

Date

12/13/2021

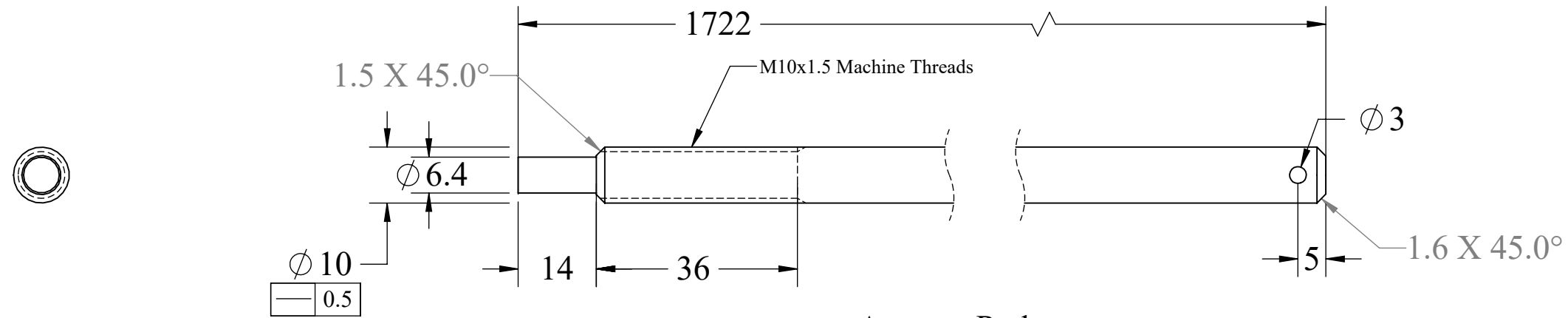
Scale

1:2

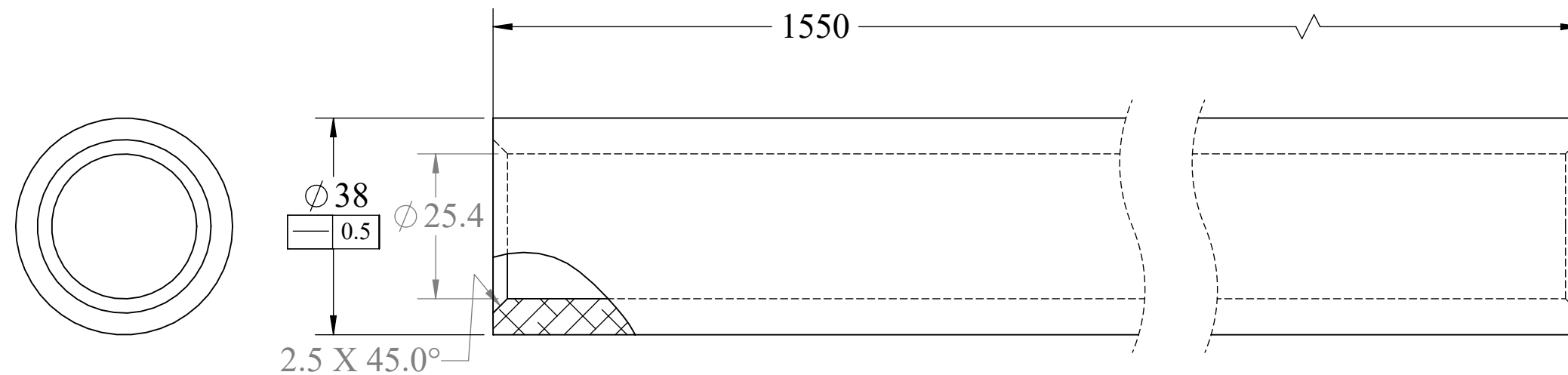
Size

B

Sheet 3 of 8



Actuator Rod
Material is AISI 304

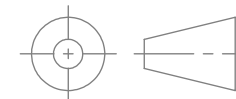


ALL AROUND
BOTH ENDS OF TUBE

Extension Tube
Material is 6061-T6 (SS)

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN
MILLIMETERS

TOLERANCES ARE: 0.2 mm



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Comments:
Comments:

Drawing Title
Actuator Rod

Name
Ammon Keller

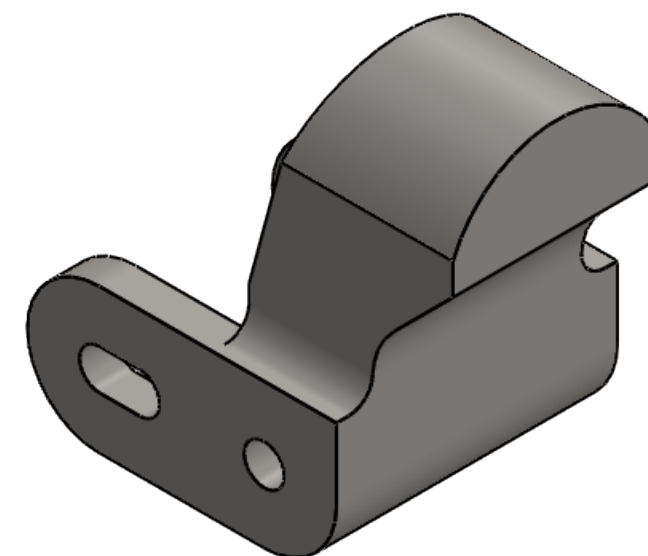
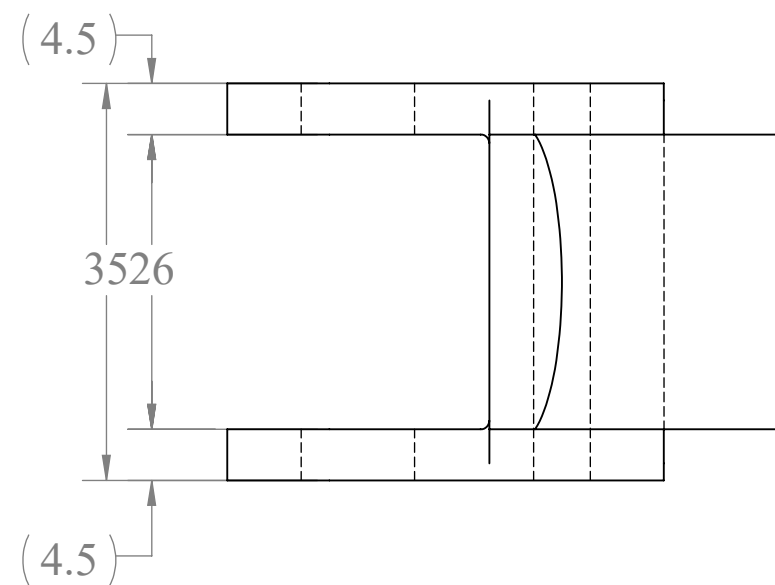
Course
ME 272

Date
12/13/2021

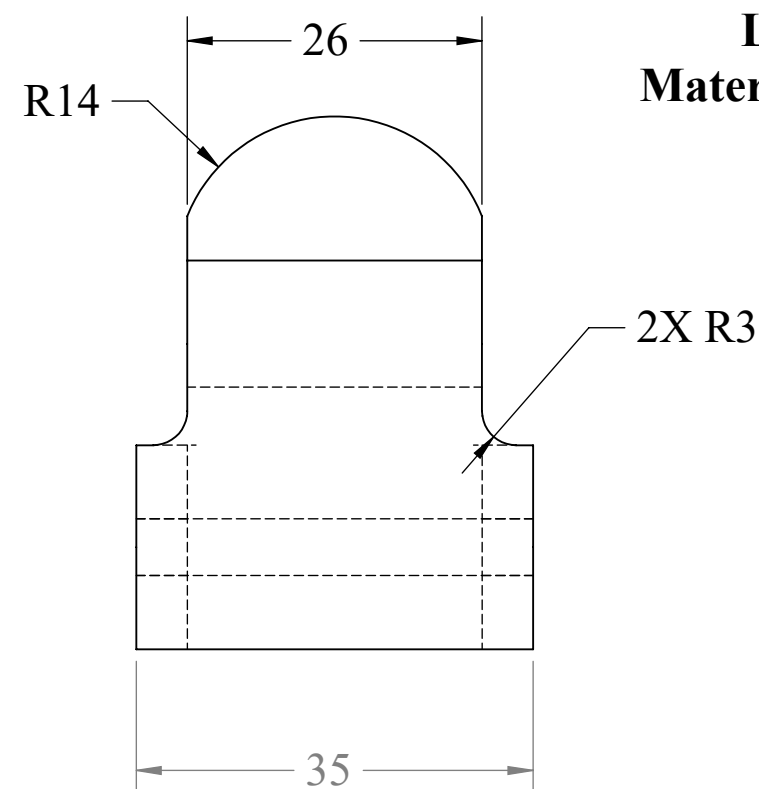
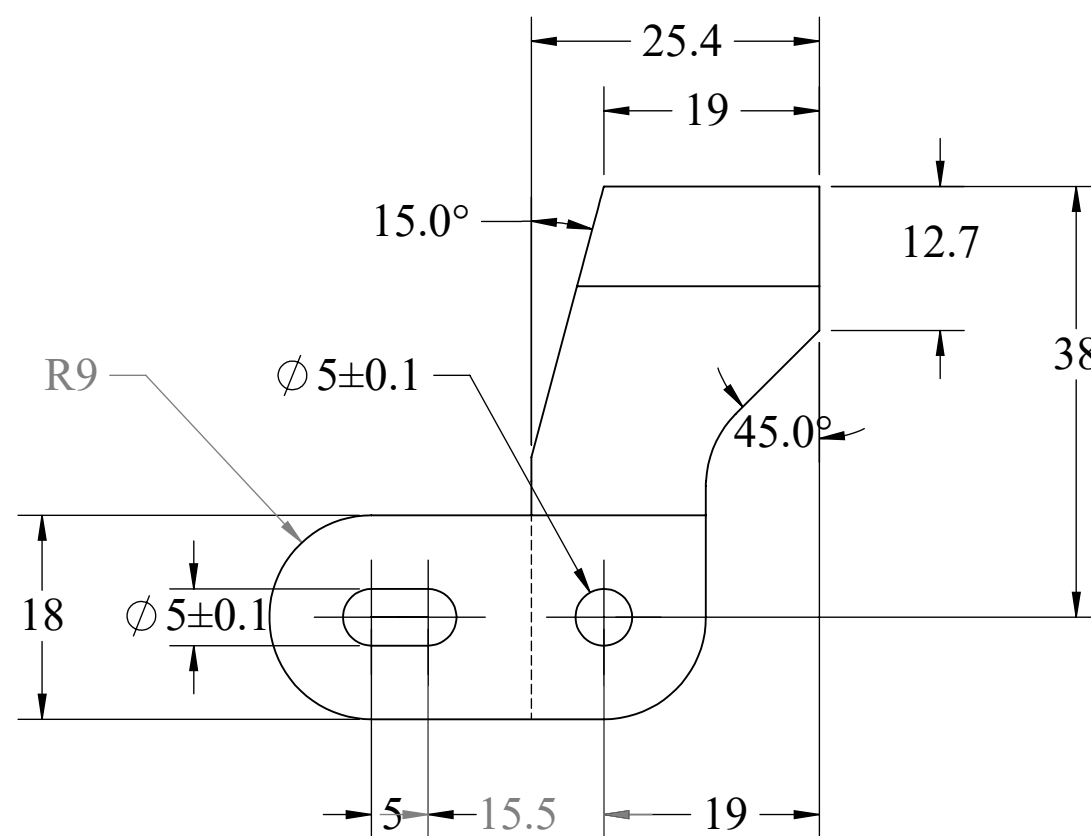
Scale
1:1

Size
B

Sheet 4 of 8

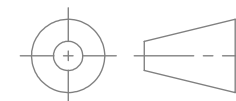


Latch Dog
Material is AISI 304



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN
MILLIMETERS

TOLERANCES ARE: 0.2 mm



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Comments:
Comments:

Drawing Title
Latch Dog

Name
Ammon Keller

Course
ME 272

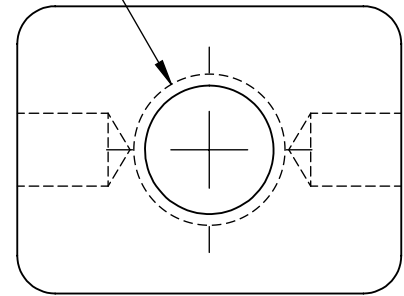
Date
12/13/2021

Scale
3:2

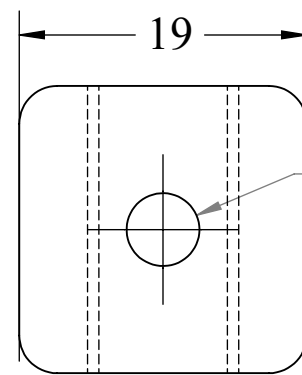
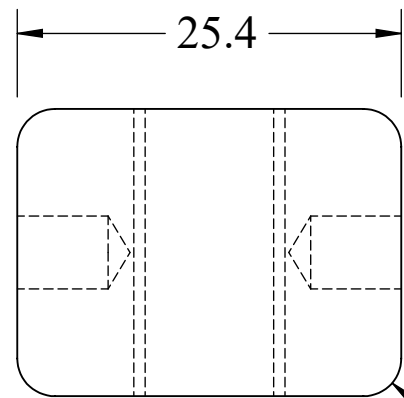
Size
B

Sheet 5 of 8

M10x1.5 THRU ALL
M10X1.5-6H THRU ALL



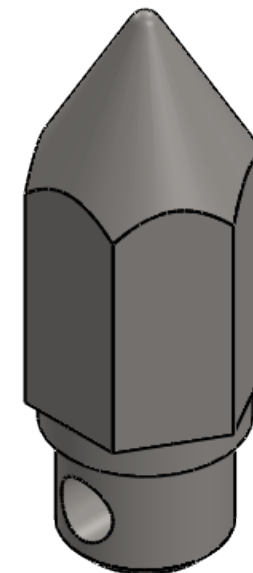
Special Nut
Material is AISI 304



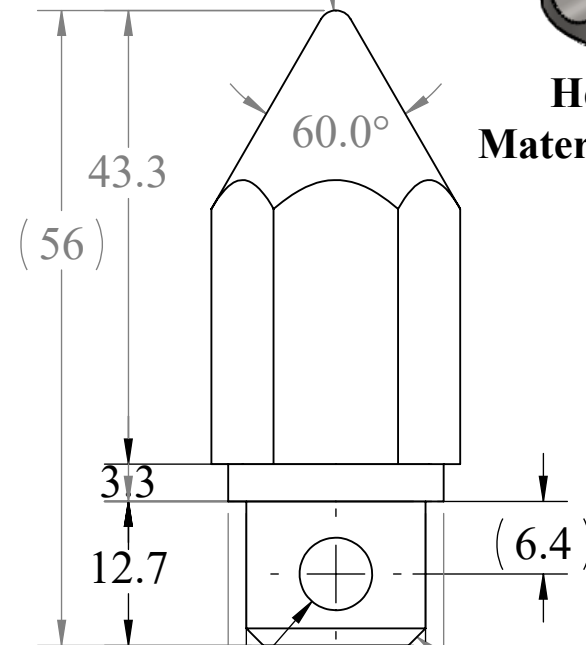
2X $\phi 4.8 \nabla 6$

R2.5
ALL EDGES

SR1.5



Hex Head-A
Material is AISI 304

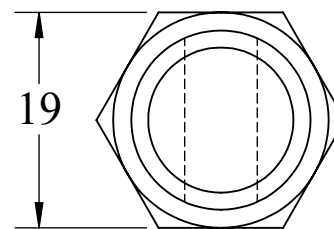


$\phi 6.4 \pm 0.1$

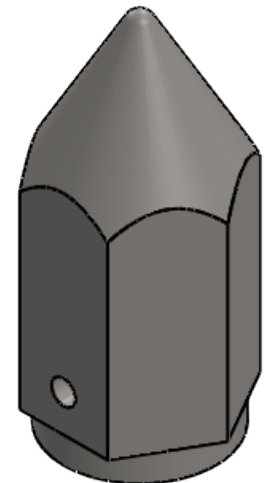
DRILL THIS HOLE USING
ITEM-1 (UPPER HEAD)
AS A TEMPLATE

$\phi 15.9$
 $\phi 15.7$
 $\phi 19$

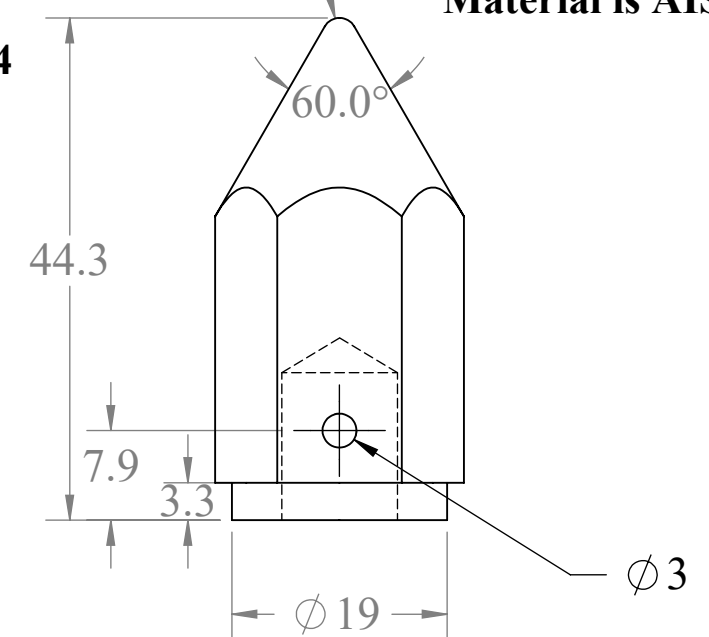
2 X 45.0°



SR1.5

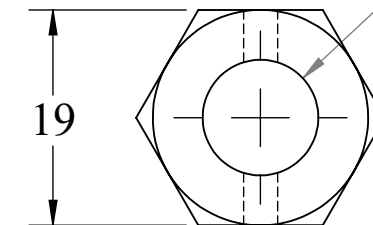


Hex Head-B
Material is AISI 304



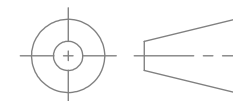
$\phi 3$

$\phi 10.2 \pm 0.1 \nabla 13$



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN
MILLIMETERS

TOLERANCES ARE: 0.2 mm



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Comments:
Comments:

Drawing Title
Hex Head-B

Name
Ammon Keller

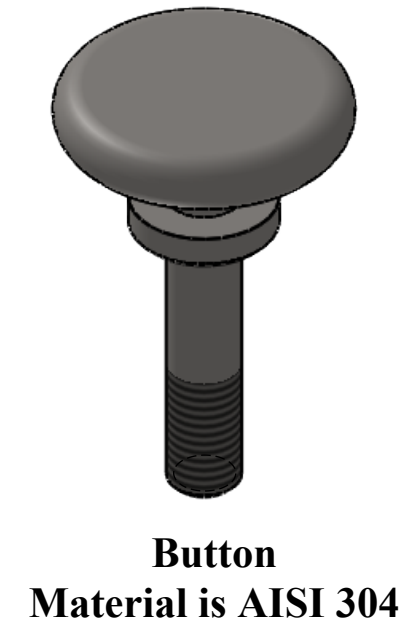
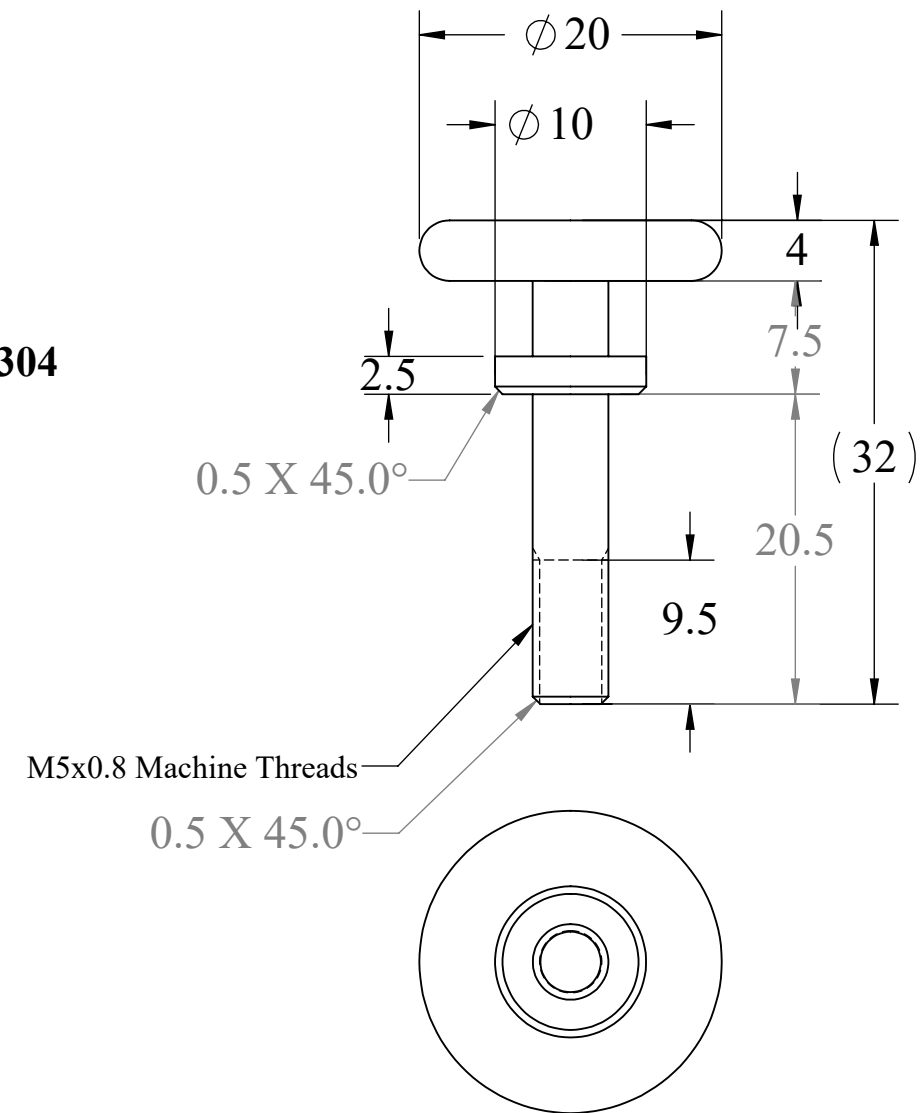
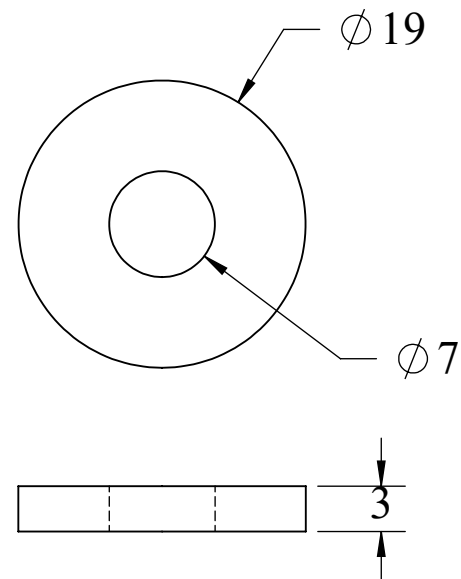
Course
ME 272

Date
12/13/2021

Scale
3:2

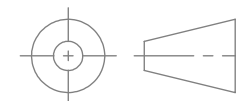
Size
B

Sheet 6 of 8



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN
MILLIMETERS

TOLERANCES ARE: 0.2 mm



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Comments:
Comments:

Drawing Title
Collar

Name
Ammon Keller

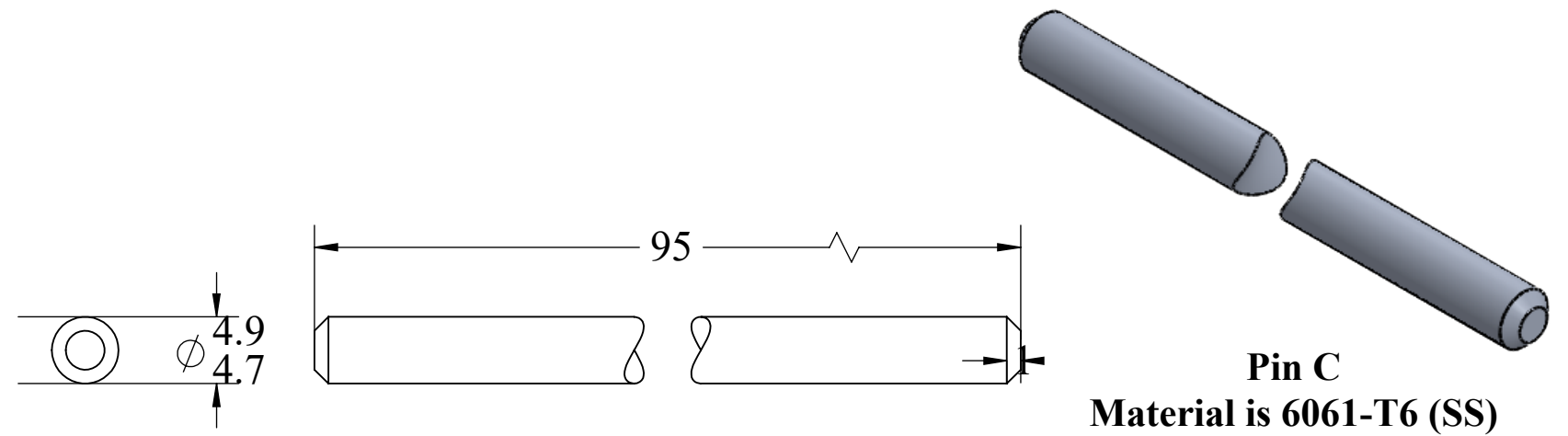
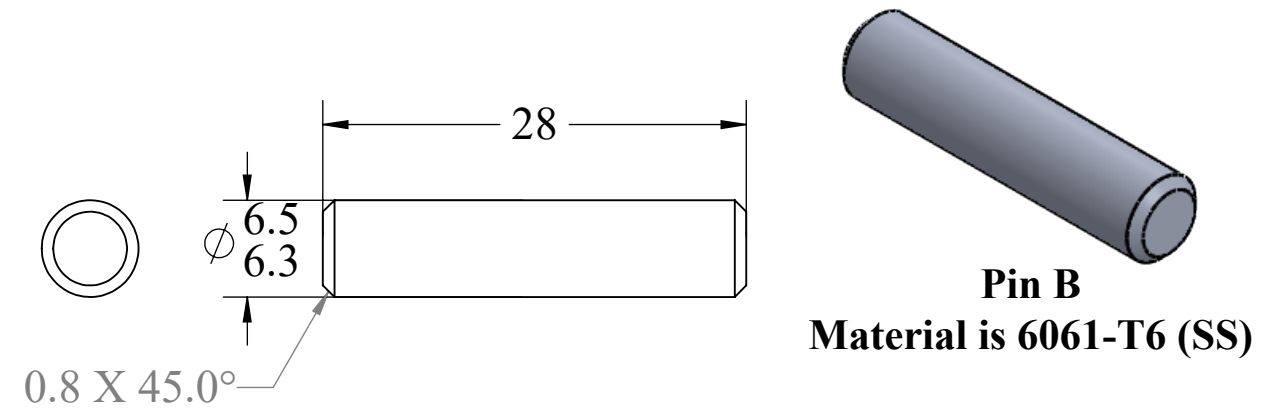
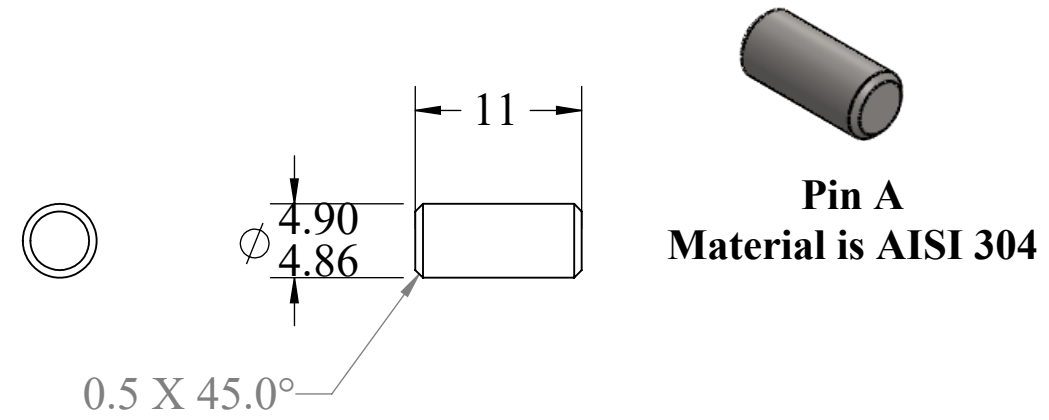
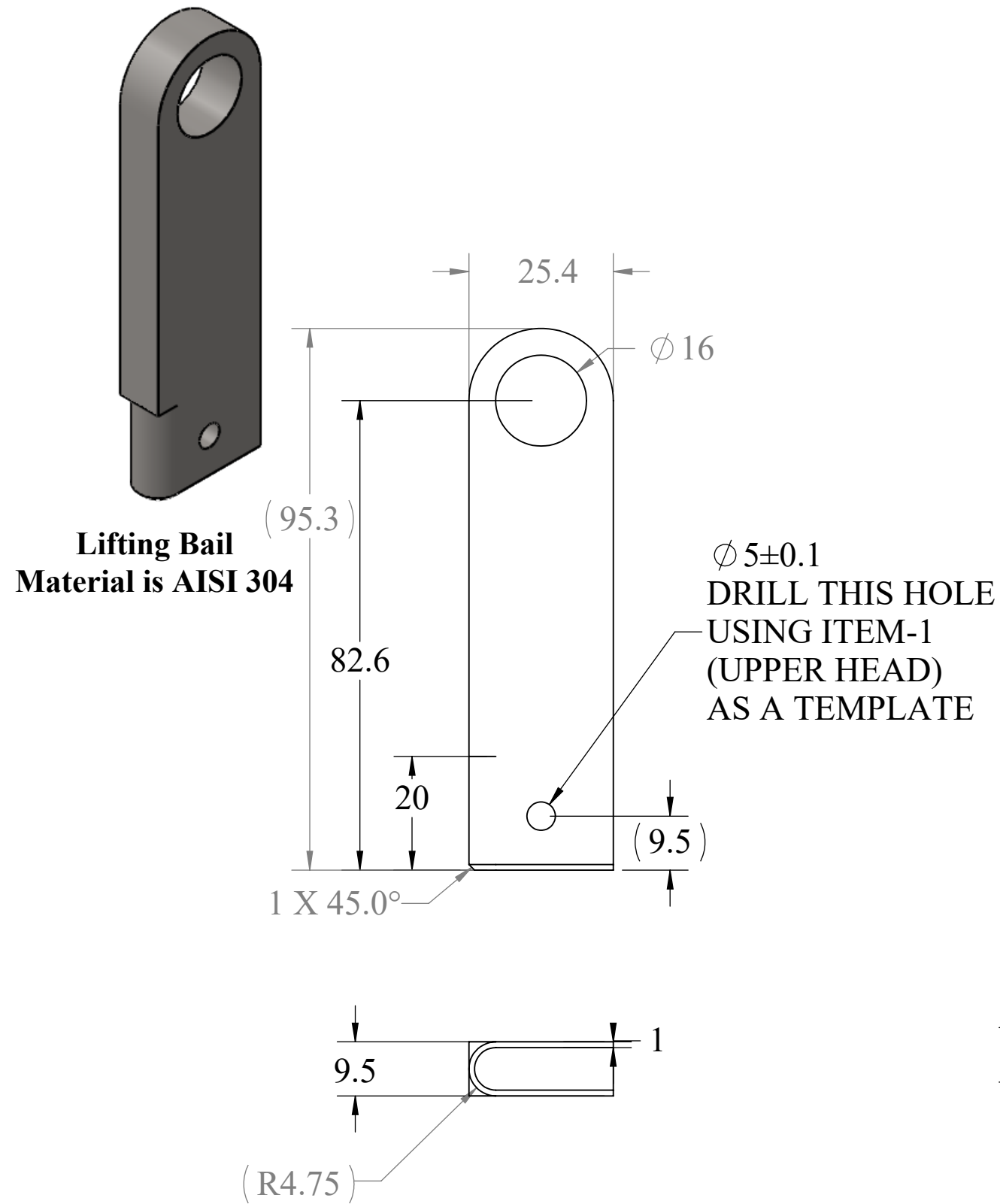
Course
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Date
12/13/2021

Scale
2:1

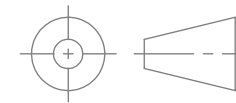
Size
B

Sheet 7 of 8



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN
MILLIMETERS

TOLERANCES ARE: 0.2 mm



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Comments:
Comments:

Drawing Title
Lifting Bail

Name
Ammon Keller

Course
ME 272

Date
12/13/2021

Scale
2:1

Size
B

Sheet 8 of 8