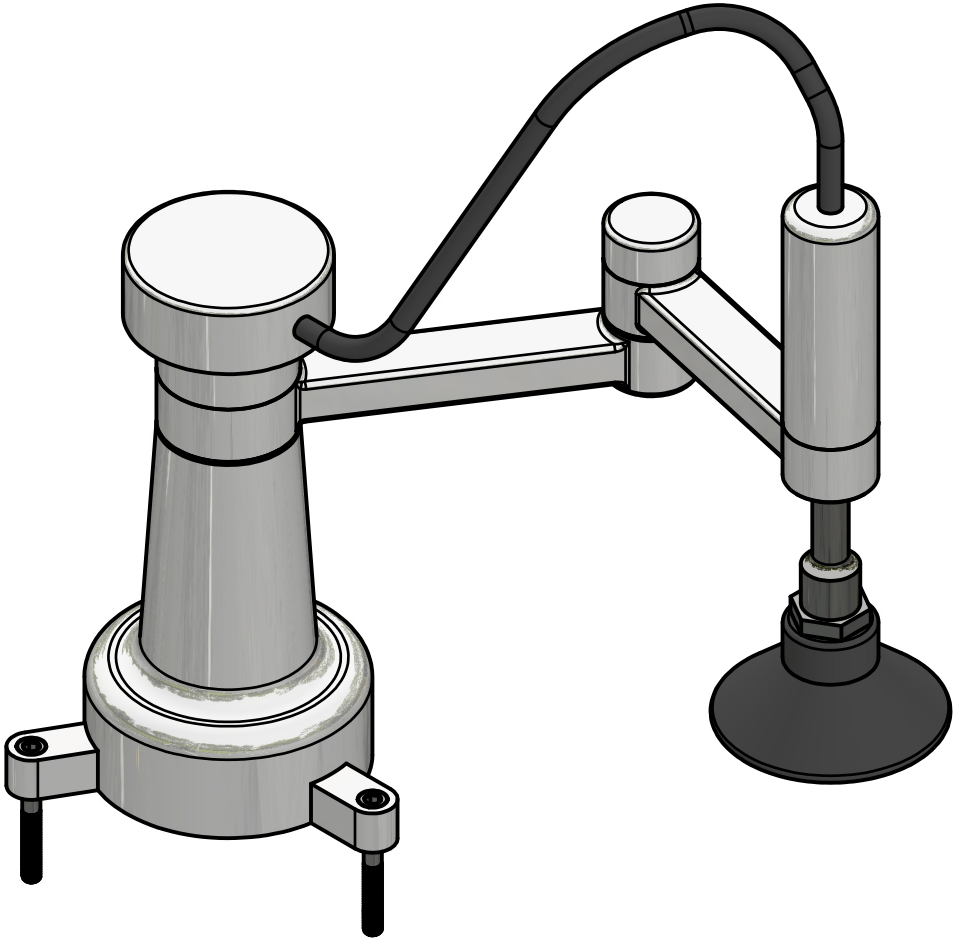


GENERAL NOTES:

ALL FILLETS AND ROUNDS R .06" UNLESS OTHERWISE STATED.
ALL CHAMFERS .02" UNLESS OTHERWISE STATED.



ROBOTIC ARM ASSEMBLY
SCALE 1 / 2

PARTS LIST				
ITEM	QTY	PART NUMBER	MATERIAL	DESCRIPTION
1	1	BASE EO1	ALUMINUM	PAINT
2	1	ARM EO1	ALUMINUM	PAINT
3	1	ARM EO2	ALUMINUM	PAINT
4.1	1	SLIDING TUBE TOP	STEEL	
4.2	1	SLIDING TUBE BOTTOM	STEEL	
5	1	VACUUM CONNECTOR	STEEL	
6	1	VACUUM CUP	RUBBER	
7	1	BASE CAP	ALUMINUM	
8	1	ELBOW CAP	ALUMINUM	
9	1	VACUUM CAP	ALUMINUM	
10	3	CAP SCREW 1-1/4	STEEL	10-36 UNS, MCMASTER-CARR - 96738A036
12	1	VACUUM TUBE	RUBBER	.125" OD, .0625" ID

LEGEND:

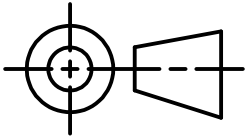
- Ø DIAMETER
- R RADIUS
- COUNTERBORE/ SPOTFACE
- DEPTH



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TOLERANCES UNLESS SPECIFIED:
DECIMAL INCHES
X = ±.020
XX = ±.0.10
XXX = ±.005
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES ³²✓

CLASS: DDGT240

ASSIGNMENT #: 10

INVENTOR DRAWING NAME:
ROBOTIC ARM

FIG #: 1058

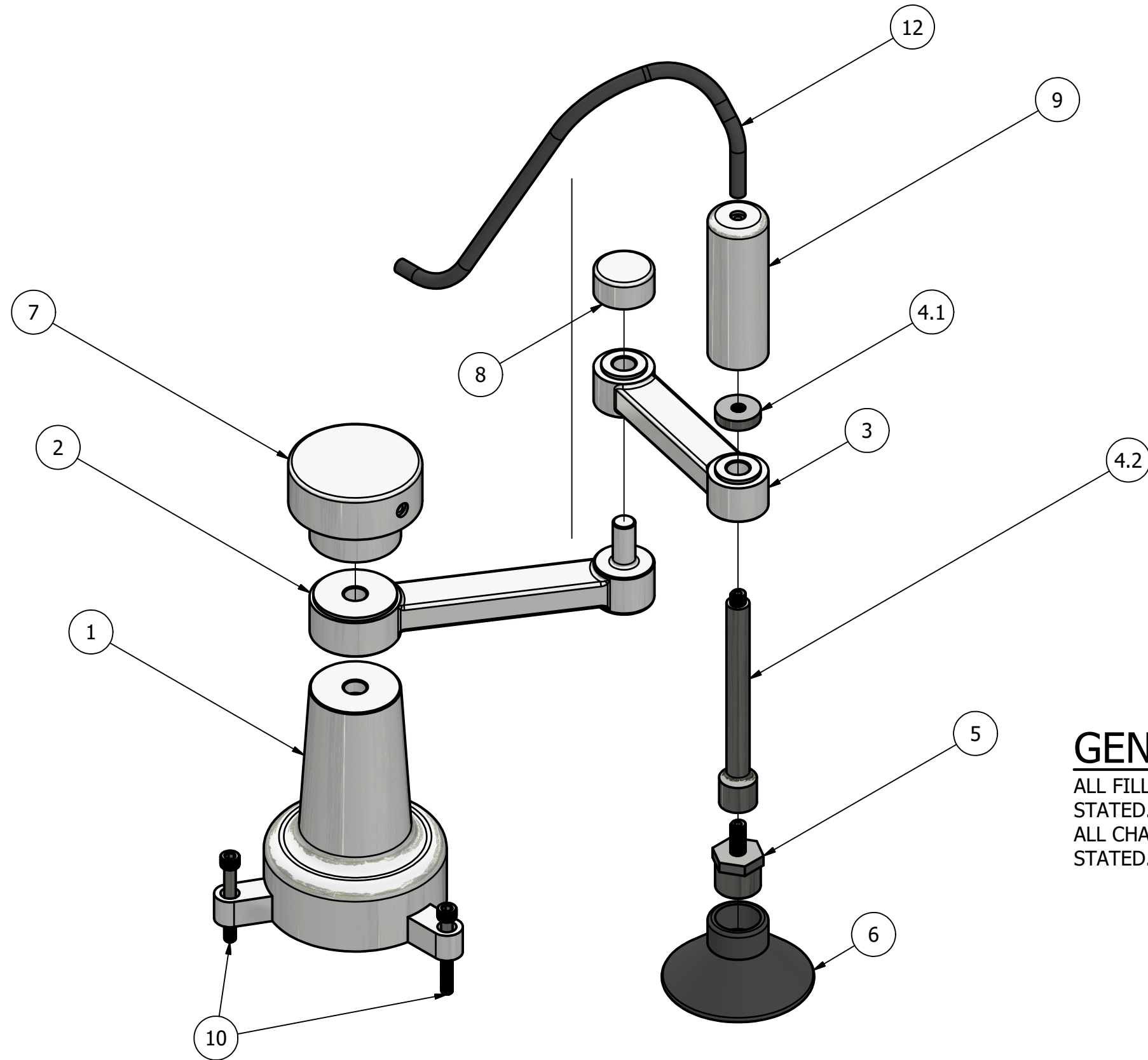
MANAGER: G. STROMMEN

DRAFTER: L. RAMIREZSOTO

DATE: 4/11/2025

SCALE: AS NOTED

PAGE #: 1 OF 6



PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	BASE EO1
2	1	ARM EO1
3	1	ARM EO2
4.1	1	SLIDING TUBE TOP
4.2	1	SLIDING TUBE BOTTOM
5	1	VACUUM CONNECTOR
6	1	VACUUM CUP
7	1	BASE CAP
8	1	ELBOW CAP
9	1	VACUUM CAP
10	3	CAP SCREW 1-1/4
12	1	VACUUM TUBE

LEGEND:

- Ø DIAMETER
- R RADIUS
- COUNTERBORE/ SPOTFACE
- DEPTH

GENERAL NOTES:

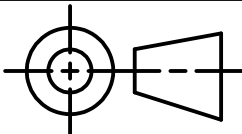
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ALL CHAMFERS .02" UNLESS OTHERWISE STATED.



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CLASS: DDGT240

ASSIGNMENT #: 10

INVENTOR DRAWING NAME:
ROBOTIC ARM

FIG #: 1058

MANAGER: G. STROMMEN

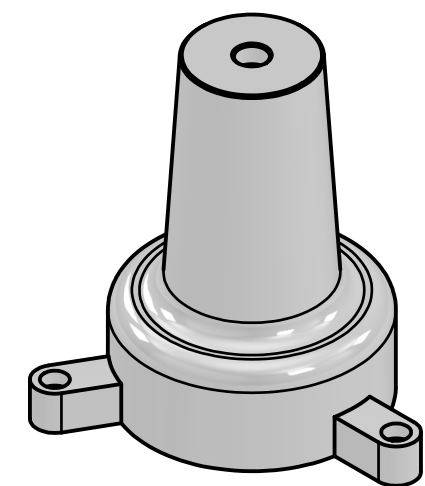
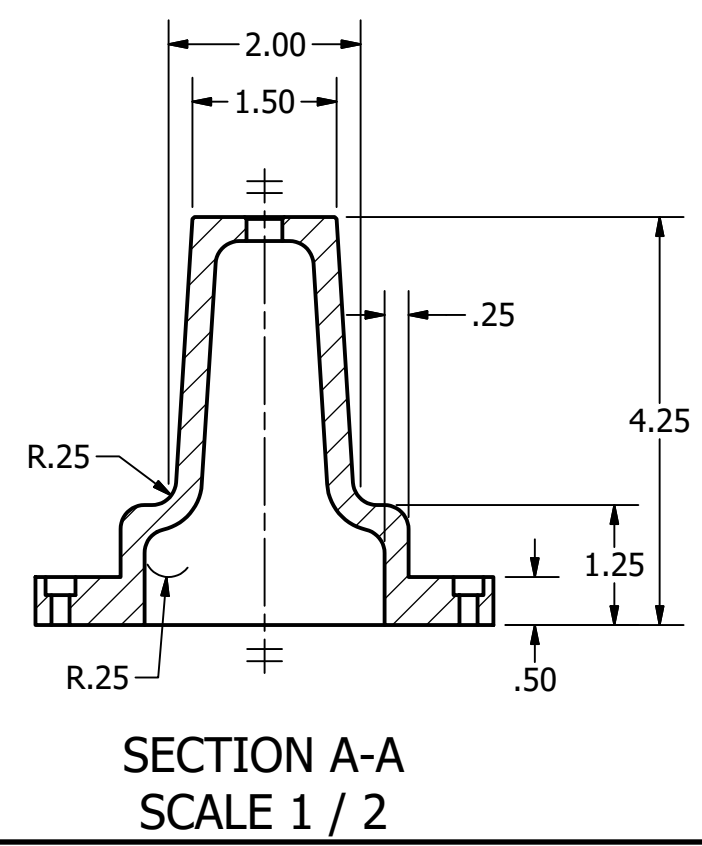
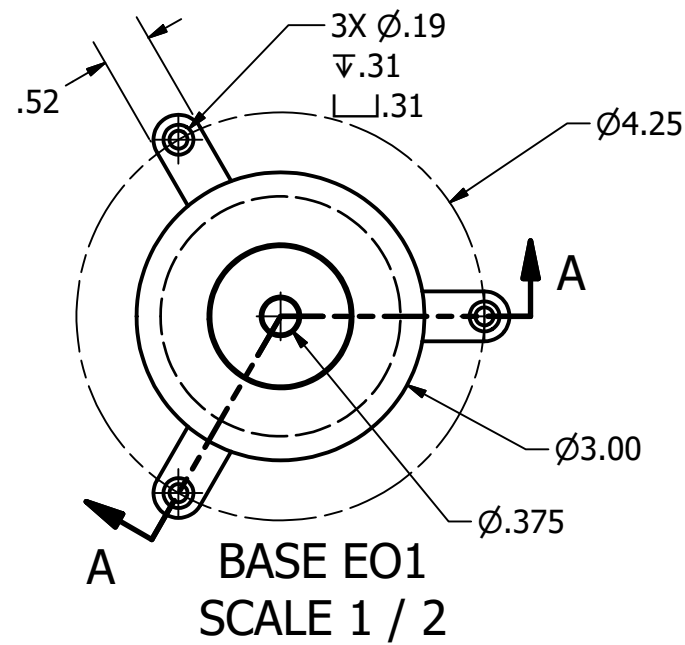
DRAFTER: L. RAMIREZSOTO

DATE: 4/11/2025

SCALE: AS NOTED

PAGE #: 2 OF 6

ROBOTIC ARM EXPLODED ASSEMBLY
SCALE 1 / 2

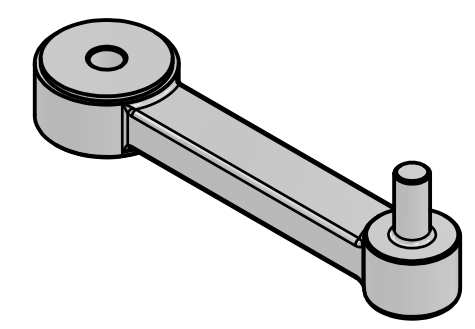
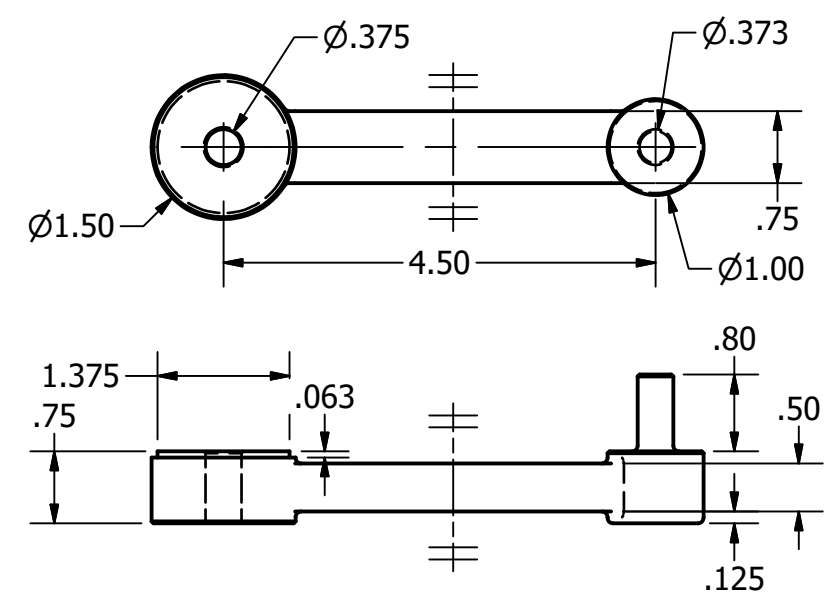


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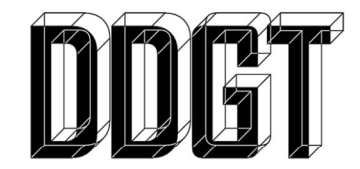
- Ø DIAMETER
- R RADIUS
- COUNTERBORE/
SPOTFACE
- ▽ DEPTH

GENERAL NOTES:

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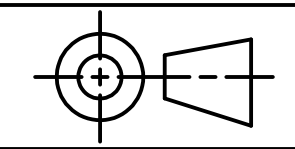
PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	BASE EO1
2	1	ARM EO1



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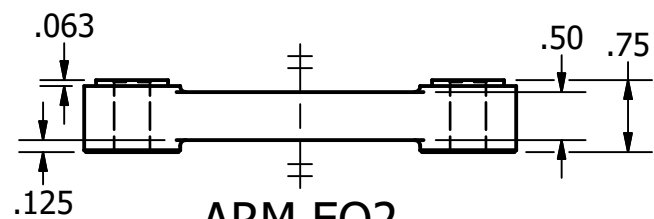
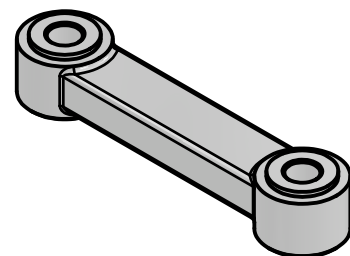
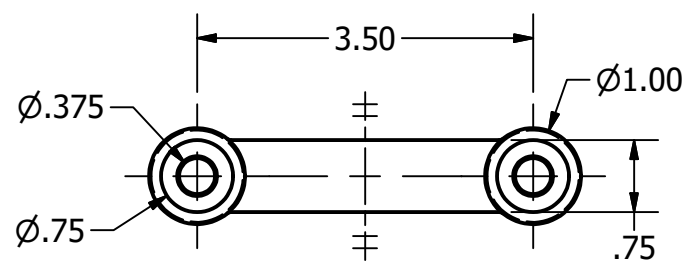
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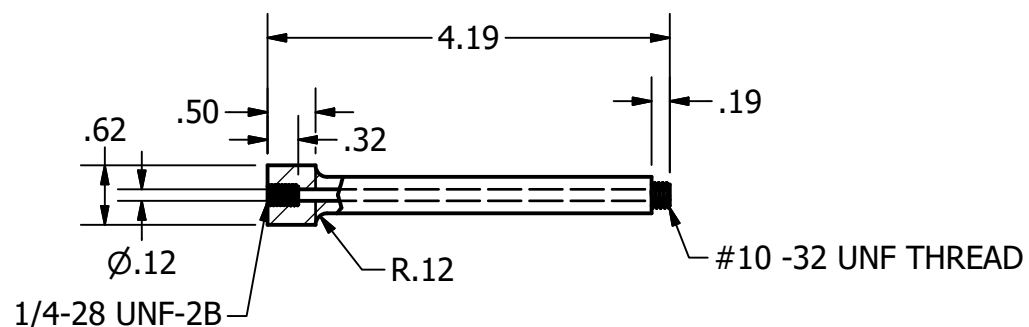


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FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES 32✓

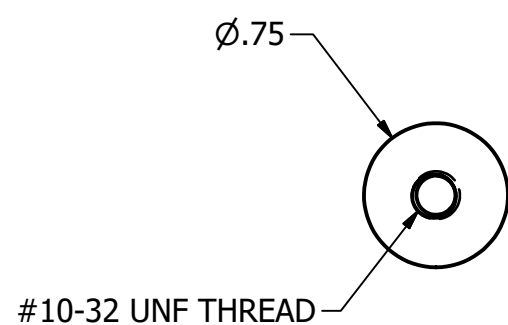
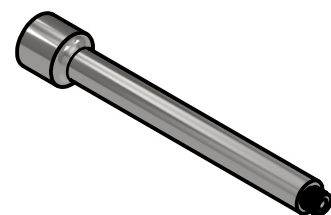
CLASS:	DDGT240
ASSIGNMENT #:	10
INVENTOR DRAWING NAME:	ROBOTIC ARM
FIG #:	1058
MANAGER:	G. STROMMEN
DRAFTER:	L. RAMIREZSOTO
DATE:	4/11/2025
SCALE:	AS NOTED
PAGE #:	3 OF 6



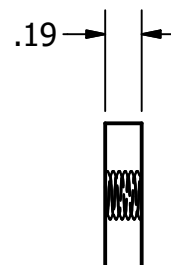
ARM EO2
SCALE 1 / 2



SLIDING TUBE BOTTOM
SCALE 1 / 2



SLIDING TUBE TOP
SCALE 1 : 1



PARTS LIST		
ITEM	QTY	PART NUMBER
3	1	ARM EO2
4.1	1	SLIDING TUBE TOP
4.2	1	SLIDING TUBE BOTTOM

LEGEND:

- Ø DIAMETER
R RADIUS
□ COUNTERBORE/
SPOTFACE
▽ DEPTH

GENERAL NOTES:

ALL FILLETS AND ROUNDS R .06" UNLESS OTHERWISE STATED.
ALL CHAMFERS .02" UNLESS OTHERWISE STATED.



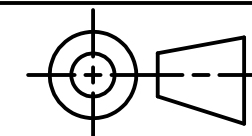
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CLASS: DDGT240

ASSIGNMENT #: 10

INVENTOR DRAWING NAME:
ROBOTIC ARM

FIG #: 1058

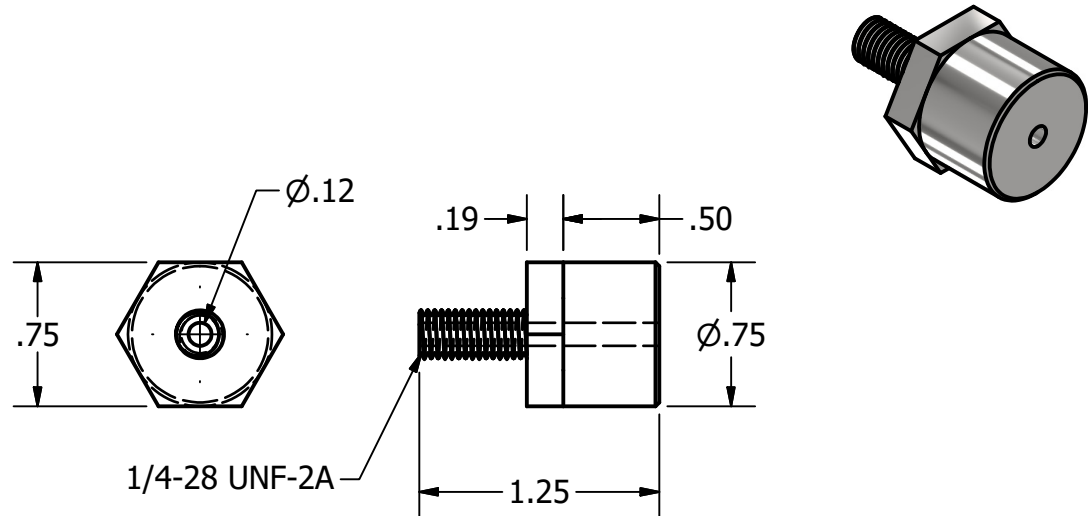
MANAGER: G. STROMMEN

DRAFTER: L. RAMIREZSOTO

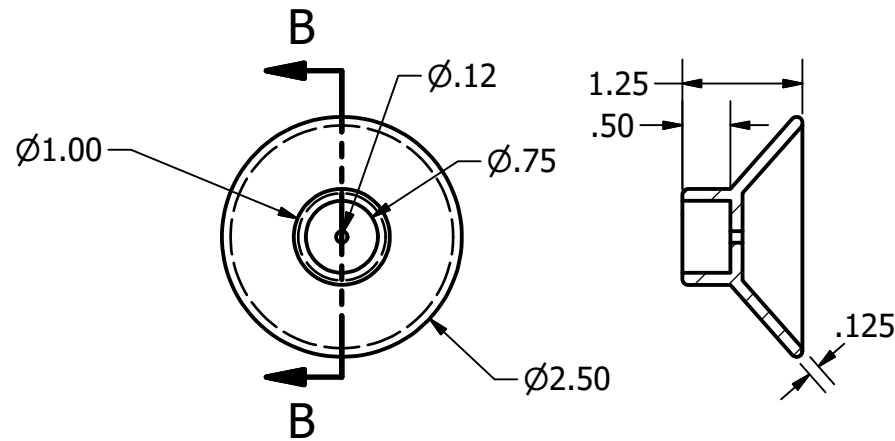
DATE: 4/11/2025

SCALE: AS NOTED

PAGE #: 4 OF 6

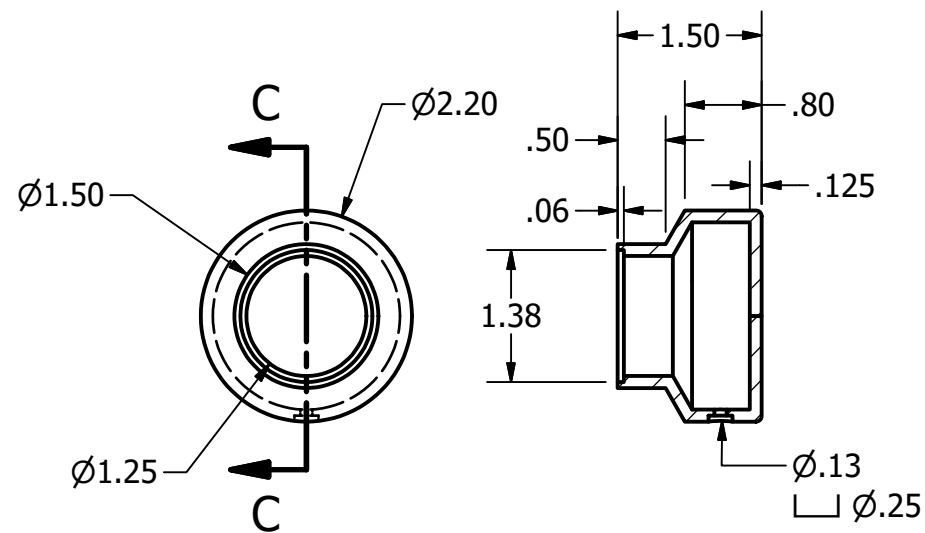


VACUUM CONNECTOR
SCALE 1 : 1



VACUUM CUP
SCALE 1 / 2

SECTION B-B
SCALE 1 / 2



BASE CAP
SCALE 1 / 2

SECTION C-C
SCALE 1 / 2

LEGEND:

- Ø DIAMETER
R RADIUS
□ COUNTERBORE/
SPOTFACE
▽ DEPTH

GENERAL NOTES:

ALL FILLETS AND ROUNDS R .06" UNLESS OTHERWISE STATED.
ALL CHAMFERS .02" UNLESS OTHERWISE STATED.

PARTS LIST

ITEM	QTY	PART NUMBER
5	1	VACUUM CONNECTOR
6	1	VACUUM CUP
7	1	BASE CAP

DDGT

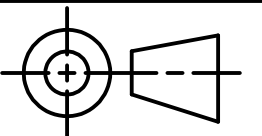
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ROBOTIC ARM

FIG #: 1058

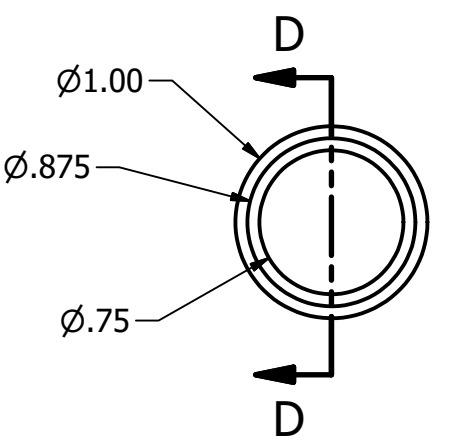
MANAGER: G. STROMMEN

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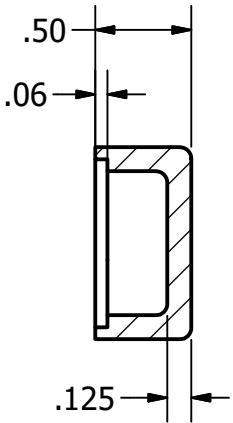
DATE: 4/11/2025

SCALE: AS NOTED

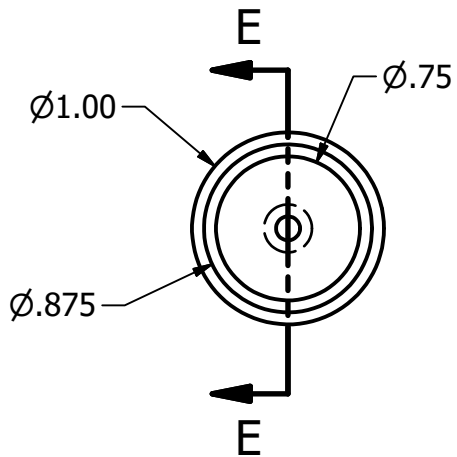
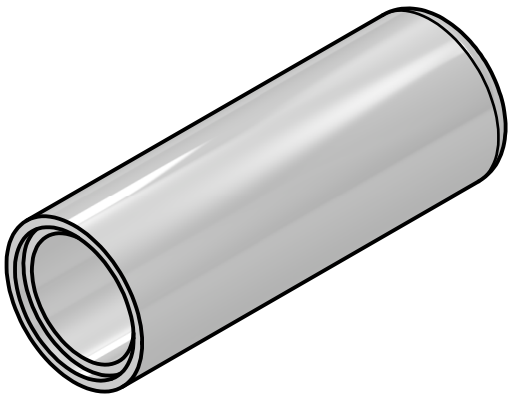
PAGE #: 5 OF 6



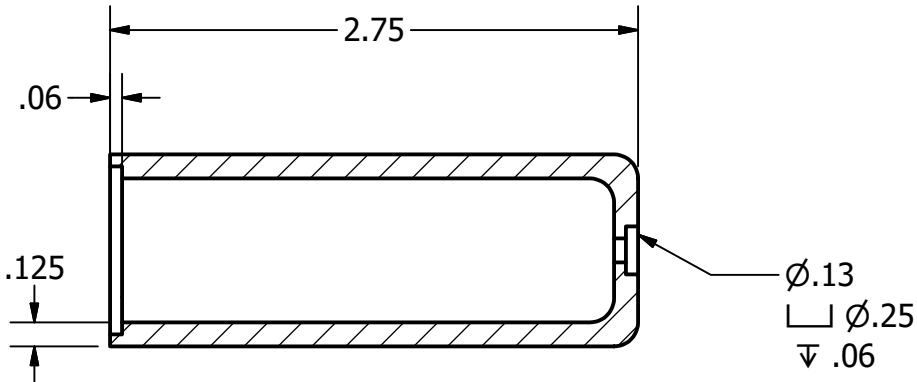
ELBOW CAP
SCALE 1 : 1



SECTION D-D
SCALE 1 : 1



VACUUM CAP
SCALE 1 : 1



SECTION E-E
SCALE 1 : 1

PARTS LIST		
ITEM	QTY	PART NUMBER
8	1	ELBOW CAP
9	1	VACUUM CAP

LEGEND:

- Ø DIAMETER
- R RADIUS
- COUNTERBORE/ SPOTFACE
- DEPTH

GENERAL NOTES:

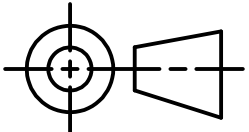
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CLASS: DDGT240

ASSIGNMENT #: 10

INVENTOR DRAWING NAME:
ROBOTIC ARM

FIG #: 1058

MANAGER: G. STROMMEN

DRAFTER: L. RAMIREZSOTO

DATE: 4/11/2025

SCALE: AS NOTED

PAGE #: 6 OF 6