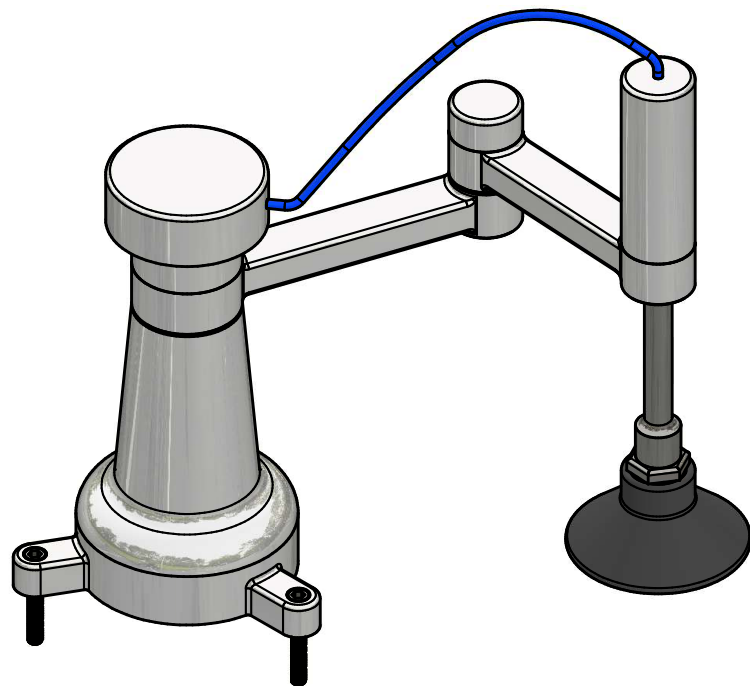




ROBOTIC ARM
SCALE 1 / 2

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BASE	
2	1	ARM E-01	
3	1	ARM E-02	
4	1	SLIDING TUBE	
4.1	1	SLIDING TUBE RING	
5	1	VACUUM CONNECTOR	
6	1	VACCUM CUP	
7	1	VACUUM CAP	
8	1	ELBOW CAP	
9	1	BASE CAP	
10	3	CAP SCREW	10-36 UNS
11	1	VACUUM LINE	

GENERAL NOTES

UNIDENTIFIED FILLETS = .06

UNIDENTIFIED CHAMFERS = .02

LEGEND:

Ø	DIAMETER
R	RADIUS
°	DEGREES
□	SPOTFACE/ COUNTERBORE
▽	DEPTH

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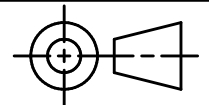
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TOLERANCES UNLESS SPECIFIED:
DECIMAL INCHES:
X = ±.020
XX = ±.010
XXX = ±.005
FRACTIONAL ± 1/64"
ANGLES ±1 DEGREE
SURFACES ³² ✓

CLASS: DDGT421

ASSIGNMENT #: 10

INVENOR DRAWING NAME:
ROBOTIC ARM

FIG #: 1058

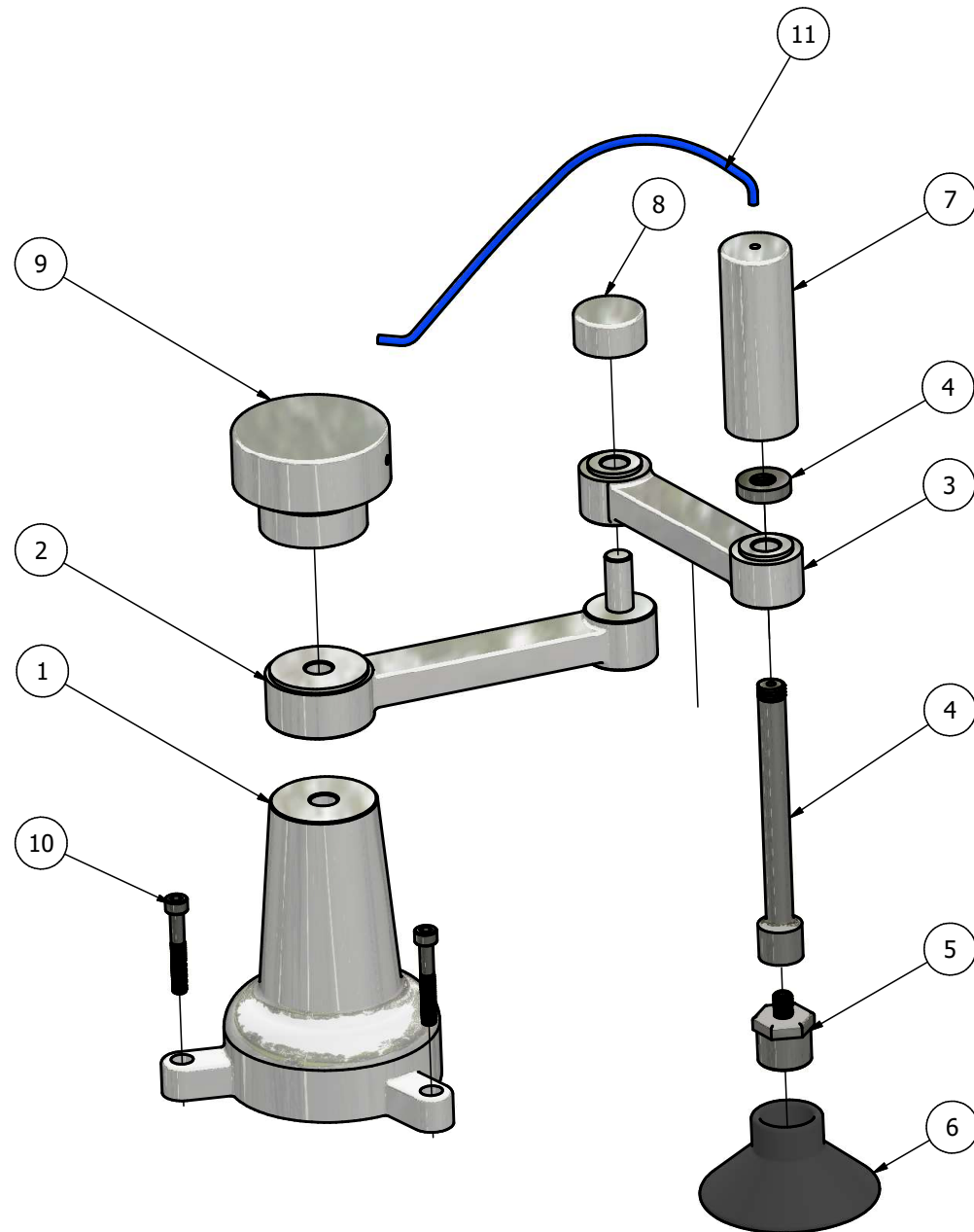
MANAGER: G. STROMMEN

DRAFTER: N. CABADING

DATE: 3/9/2025

SCALE: AS NOTED

PAGE #: 1 OF 5



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BASE	
2	1	ARM E-01	
3	1	ARM E-02	
4	1	SLIDING TUBE	
4.1	1	SLIDING TUBE RING	
5	1	VACUUM CONNECTOR	
6	1	VACCUM CUP	
7	1	VACUUM CAP	
8	1	ELBOW CAP	
9	1	BASE CAP	
10	3	CAP SCREW	10-36 UNS
11	1	VACUUM LINE	

GENERAL NOTES

UNIDENTIFIED FILLETS = .06
UNIDENTIFIED CHAMFERS = .02

LEGEND:

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



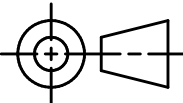
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ANGLES ±1 DEGREE
SURFACES 32 ✓

CLASS: DDGT421

ASSIGNMENT #: 10

INVENOR DRAWING NAME:
ROBOTIC ARM

FIG #: 1058

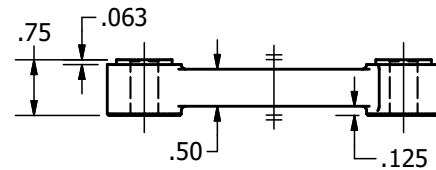
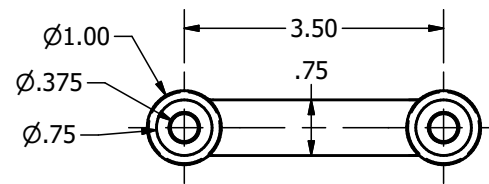
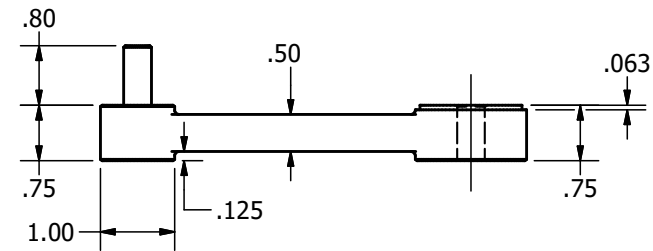
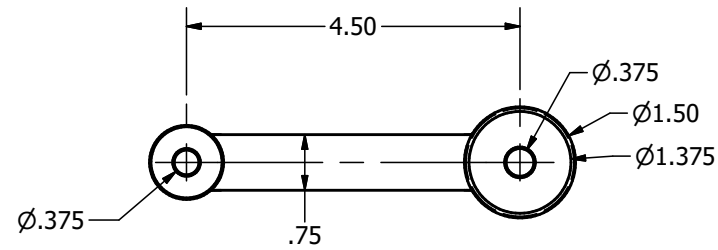
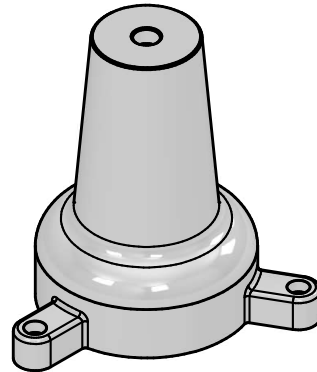
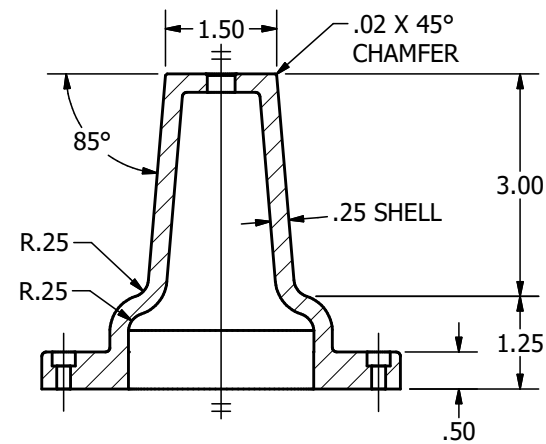
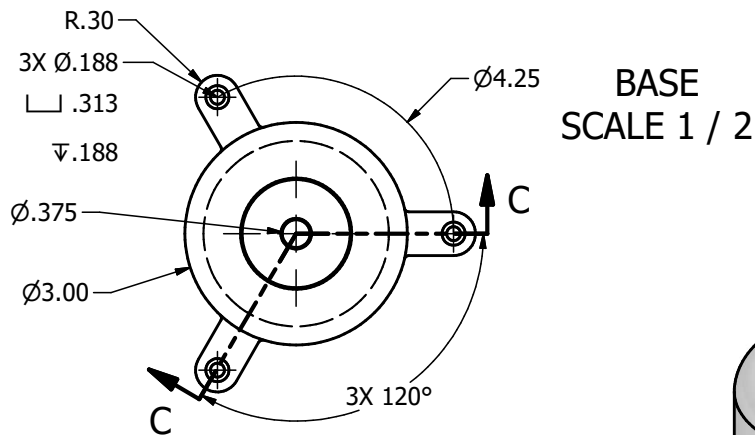
MANAGER: G. STROMMEN

DRAFTER: N. CABADING

DATE: 3/9/2025

SCALE: AS NOTED

PAGE #: 2 OF 5



PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	BASE
2	1	ARM E-01
3	1	ARM E-02

DDGT

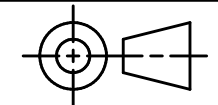
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ANGLES ±1 DEGREE
SURFACES ³² ✓

CLASS: DDGT421

ASSIGNMENT #: 10

INVENOR DRAWING NAME:
ROBOTIC ARM

FIG #: 1058

MANAGER: G. STROMMEN

DRAFTER: N. CABADING

DATE: 3/9/2025

SCALE: AS NOTED

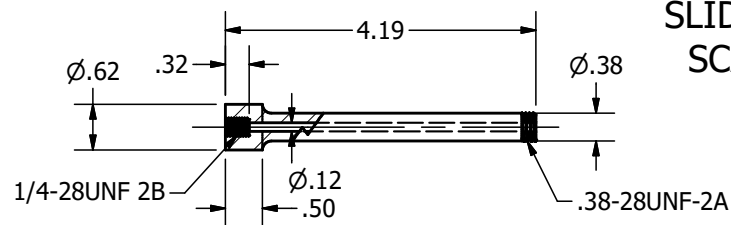
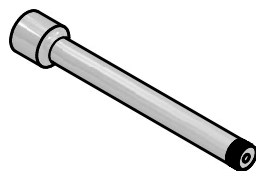
PAGE #: 3 OF 5

GENERAL NOTES

UNIDENTIFIED FILLETS = .06
UNIDENTIFIED CHAMFERS = .02

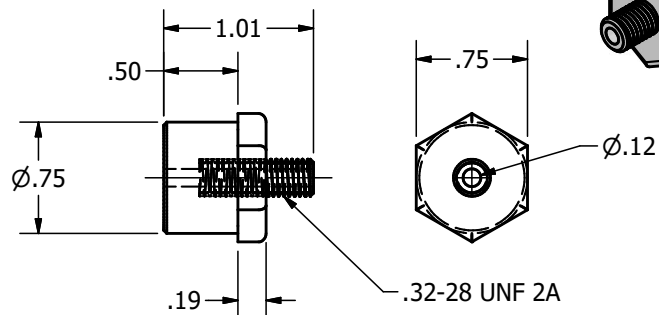
LEGEND:

Ø DIAMETER
R RADIUS
° DEGREES
└ SPOTFACE/
COUNTERBORE
▽ DEPTH



SLIDING TUBE
SCALE 1 / 2

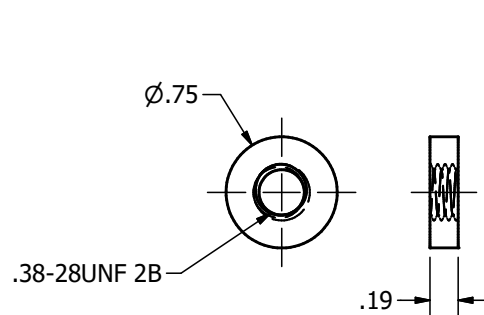
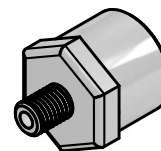
PARTS LIST		
ITEM	QTY	PART NUMBER
4	1	SLIDING TUBE
4.1	1	SLIDING TUBE RING
5	1	VACUUM CONNECTOR
6	1	VACCUM CUP



VACUUM CONNECTOR
SCALE 1 : 1

LEGEND:

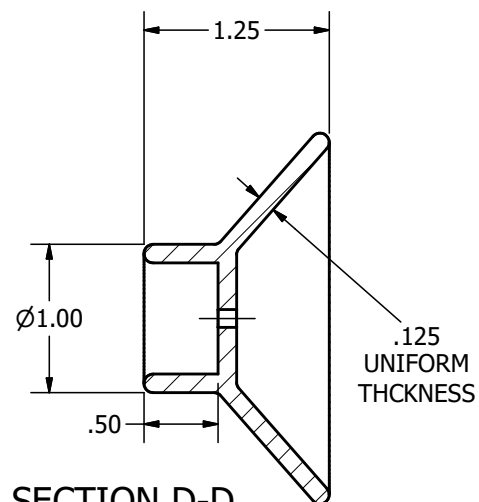
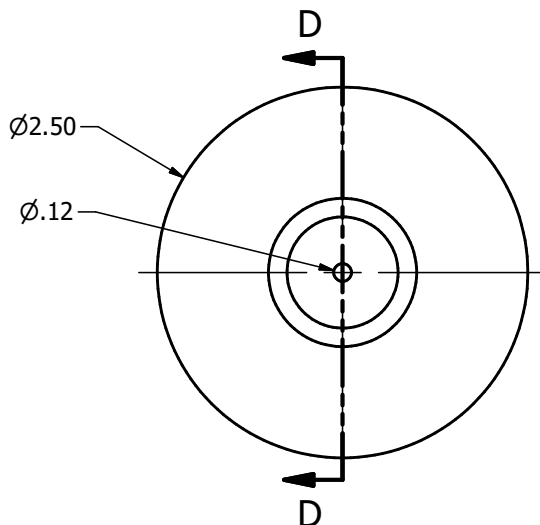
- Ø DIAMETER
- R RADIUS
- ° DEGREES
- ┐ SPOTFACE/
COUNTERBORE
- ▽ DEPTH



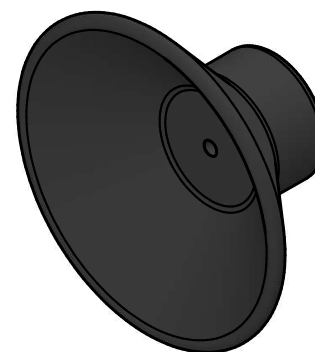
SLIDING TUBE RING
SCALE 1 : 1

GENERAL NOTES

UNIDENTIFIED FILLETS = .06
UNIDENTIFIED CHAMFERS = .02



SECTION D-D
SCALE 1 : 1



VACUUM CUP
SCALE 1 : 1

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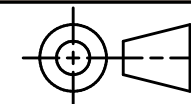
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FRACTIONAL ± 1/64"
ANGLES ± 1 DEGREE
SURFACES ³² ✓

CLASS: DDGT421

ASSIGNMENT #: 10

INVENOR DRAWING NAME:
ROBOTIC ARM

FIG #: 1058

MANAGER: G. STROMMEN

DRAFTER: N. CABADING

DATE: 3/9/2025

SCALE: AS NOTED

PAGE #: 4 OF 5

GENERAL NOTES

UNIDENTIFIED FILLETS = .06
UNIDENTIFIED CHAMFERS = .02

PARTS LIST		
ITEM	QTY	PART NUMBER
7	1	VACUUM CAP
8	1	ELBOW CAP
9	1	BASE CAP



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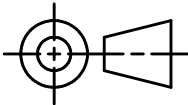
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CLASS: DDGT421

ASSIGNMENT #: 10

INVENOR DRAWING NAME:
ROBOTIC ARM

FIG #: 1058

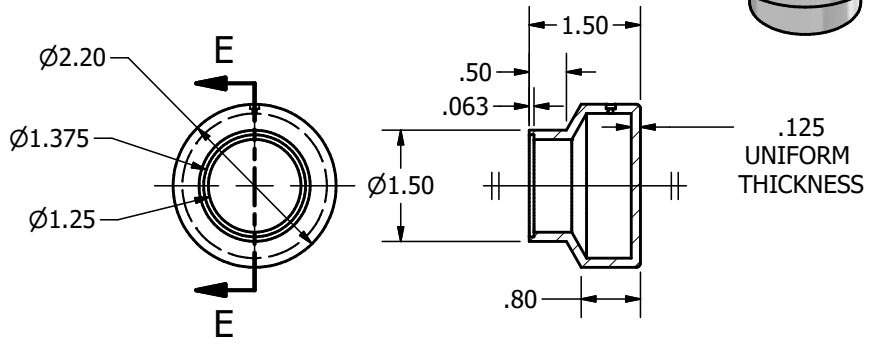
MANAGER: G. STROMMEN

DRAFTER: N. CABADING

DATE: 3/9/2025

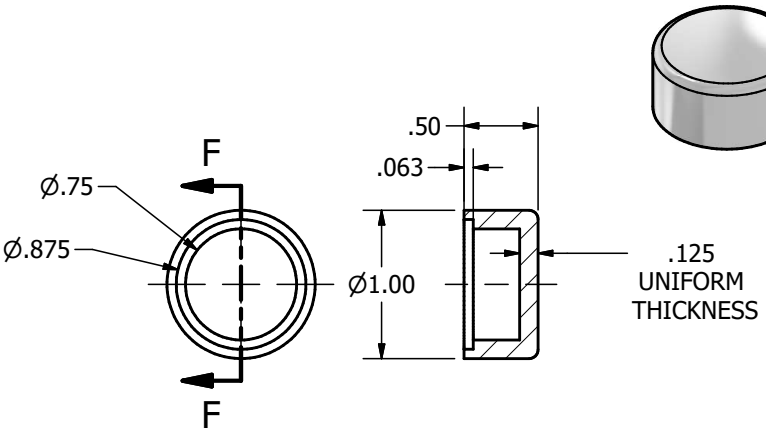
SCALE: AS NOTED

PAGE #: 5 OF 5



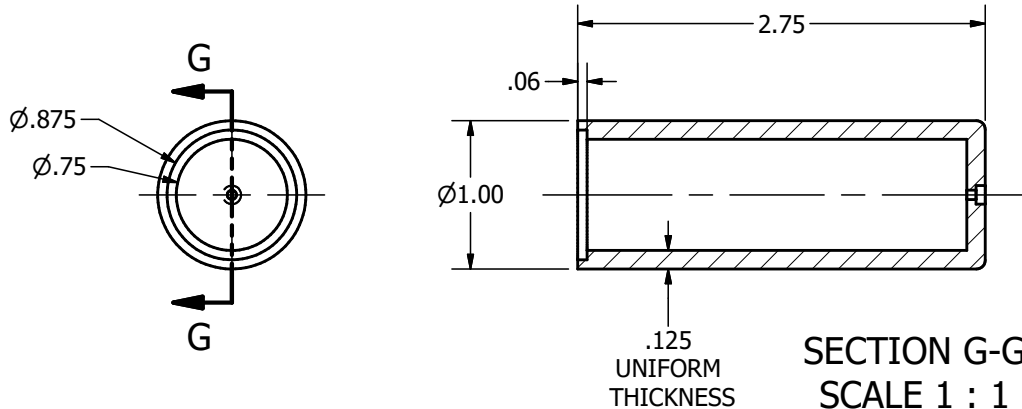
BASE CAP
SCALE 1 / 2

SECTION E-E
SCALE 1 / 2



ELBOW CAP
SCALE 1 : 1

SECTION F-F
SCALE 1 : 1



VACUUM CAP
SCALE 1 : 1

SECTION G-G
SCALE 1 : 1

LEGEND:

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