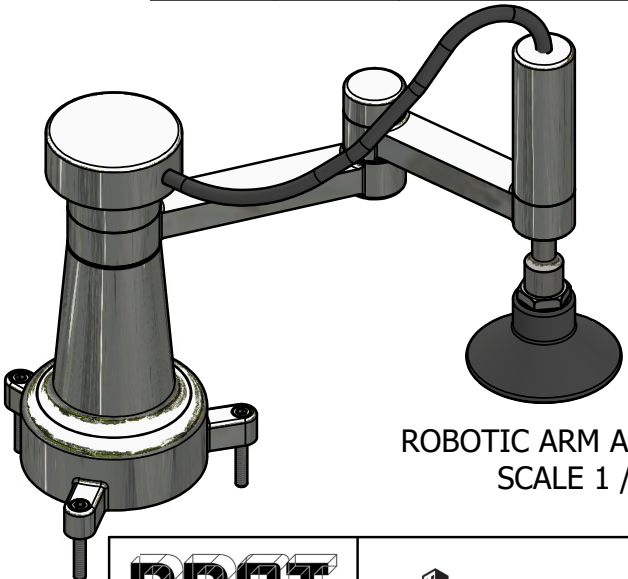


PARTS LIST				
ITEM	QTY	PART NUMBER	MATERIAL	DESCRIPTION
1	1	BASE E-01	ALUMINUM	
2	1	ARM E-01	ALUMINUM	
3	1	ARM E-02	ALUMINUM	
4	1	SLIDING TUBE	STEEL	
5	1	SLIDING TUBE TOP	STEEL	
6	1	VACUUM CONNECTOR	STEEL	
7	1	VACUUM CUP	RUBBER	
8	1	BASE CAP	ALUMINUM	
9	1	ELBOW CAP	ALUMINUM	
10	1	VACUUM CAP	ALUMINUM	
11	3	10-36 UNS CAP SCREW	STEEL	
12	1	VACUUM TUBE	RUBBER	INNER Ø.125 OUTER Ø.25 LENGTH 10"



ROBOTIC ARM ASSEMBLY
SCALE 1 / 2

LEGEND:

- ∅ DIAMETER
- R RADIUS
- ° DEGREES
- ∇ DEPTH
- COUNTERBORE

ROBOTIC ARM ASSEMBLY
SCALE 1 / 2

GENERAL NOTES:

ALL FILLETS ARE .06in UNLESS OTHERWISE SPECIFIED
ALL CHAMFERS ARE .02 X 45° UNLESS OTHERWISE SPECIFIED



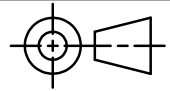
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DECIMAL INCHES:
X = ±.020
XX = ±.010
XXX = ±.005
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES 32 ✓

COURSE: DDGT241

INVENTOR DRAWING NAME
ROBOTIC ARM

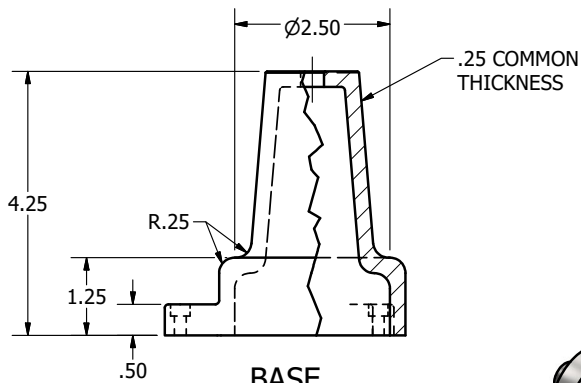
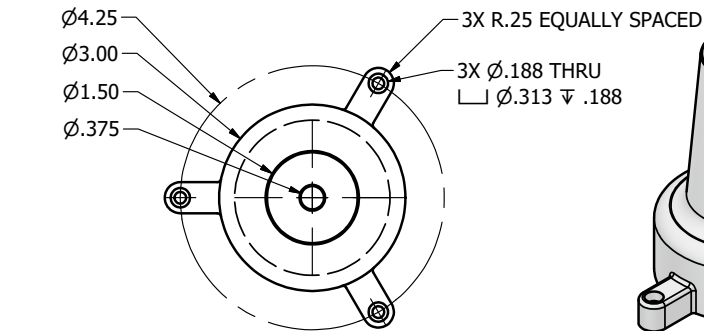
FIG #: 10-58

DRAFTER: N. RODRIGUEZ

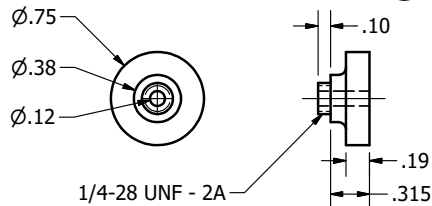
DATE: 12/18/2021

SCALE: AS NOTED

PAGE #: 1 OF 4



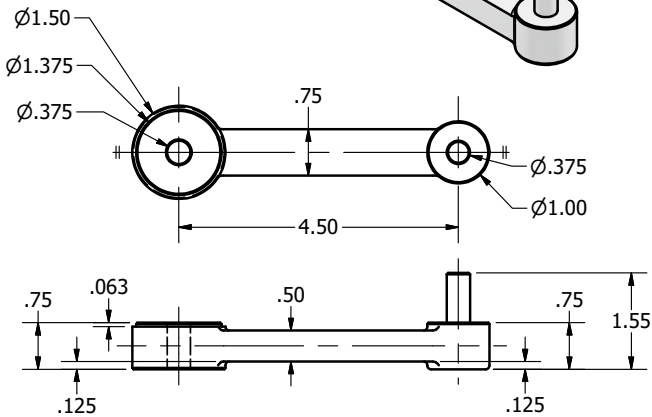
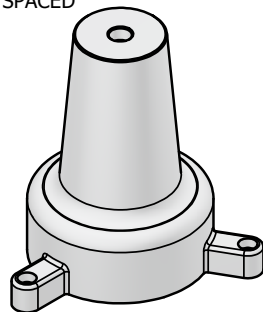
BASE
SCALE 1 / 2



SLIDING TUBE TOP

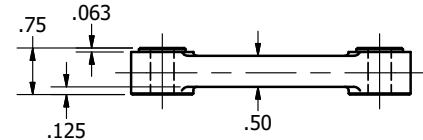
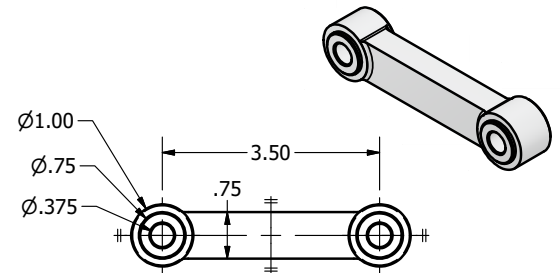
GENERAL NOTES: SCALE 1 : 1

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ARM E-01
SCALE 1 / 2

PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	BASE E-01
2	1	ARM E-01
3	1	ARM E-02
5	1	SLIDING TUBE TOP



ARM E-02
SCALE 1 / 2

LEGEND:

- ϕ DIAMETER
- R RADIUS
- \circ DEGREES
- ∇ DEPTH
- \square COUNTERBORE



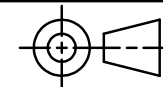
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 ANGLES ±1 DEGREE

SURFACES 32 ✓

COURSE: DDGT241

INVENTOR DRAWING NAME
 ROBOTIC ARM

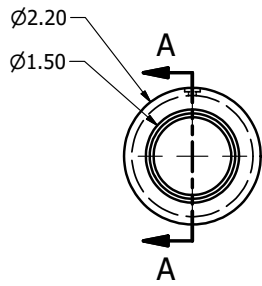
FIG #: 10-58

DRAFTER: N. RODRIGUEZ

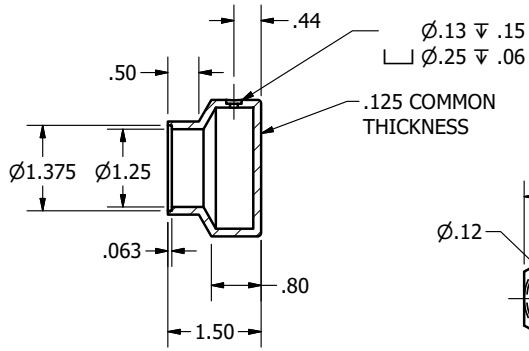
DATE: 12/18/2021

SCALE: AS NOTED

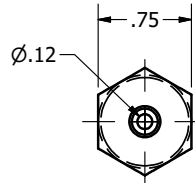
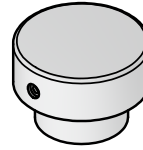
PAGE #: 2 OF 4



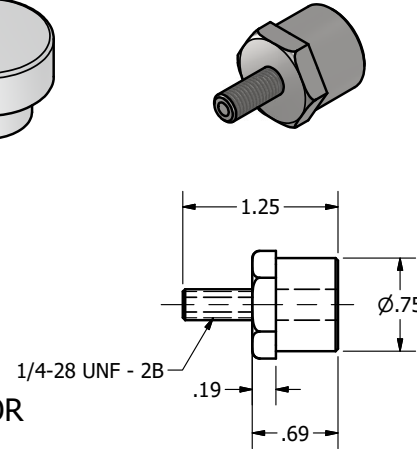
BASE CAP
SCALE 1 / 2



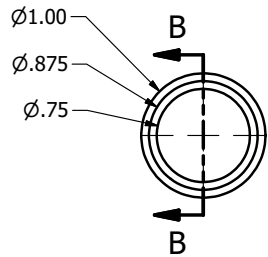
SECTION A-A
SCALE 1 / 2



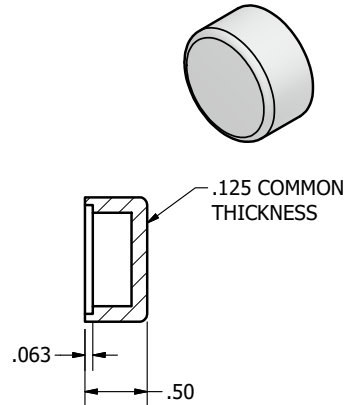
VACUUM CONNECTOR
SCALE 1 : 1



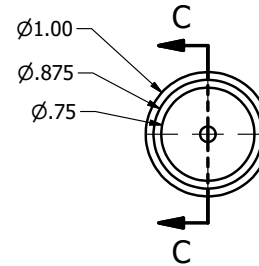
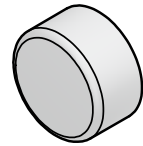
PARTS LIST		
ITEM	QTY	PART NUMBER
6	1	VACUUM CONNECTOR
8	1	BASE CAP
9	1	ELBOW CAP
10	1	VACUUM CAP



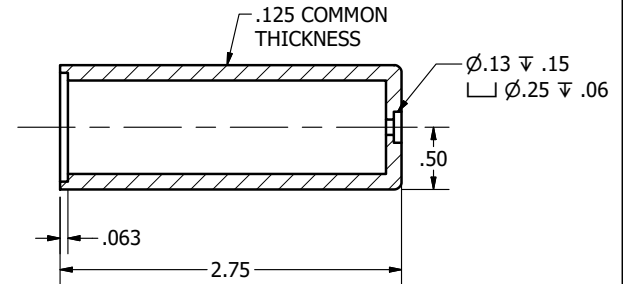
ELBOW CAP
SCALE 1 : 1



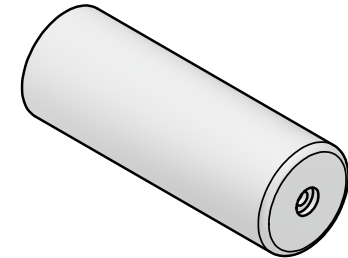
SECTION B-B
SCALE 1 : 1



VACUUM CAP
SCALE 1 : 1



SECTION C-C
SCALE 1 : 1



LEGEND:

- ∅ DIAMETER
- R RADIUS
- ° DEGREES
- ∇ DEPTH
- ┌ COUNTERBORE

GENERAL NOTES:

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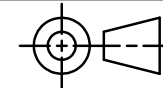
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SURFACES 32 ✓

COURSE: DDGT241

INVENTOR DRAWING NAME
ROBOTIC ARM

FIG #: 10-58

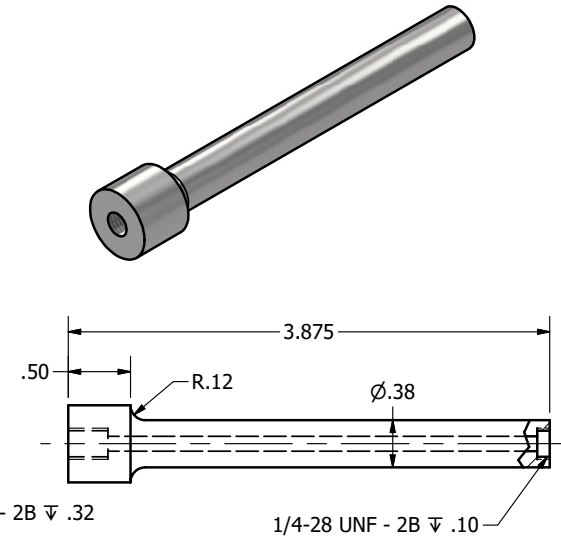
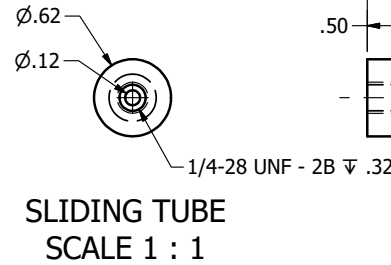
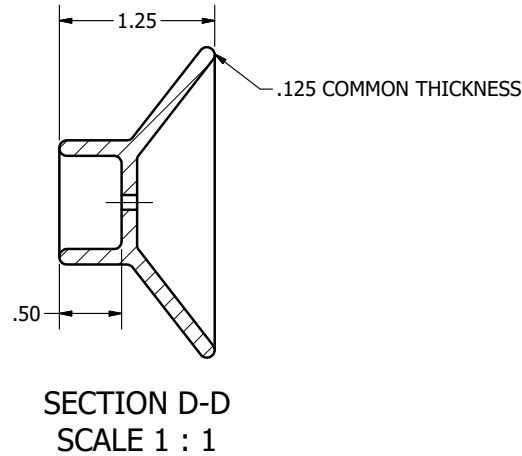
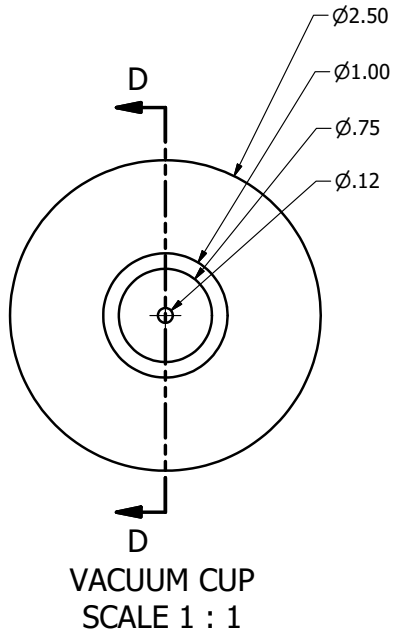
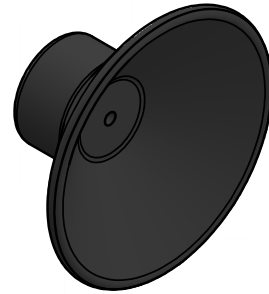
DRAFTER: N. RODRIGUEZ

DATE: 12/18/2021

SCALE: AS NOTED

PAGE #: 3 OF 4

PARTS LIST		
ITEM	QTY	PART NUMBER
4	1	SLIDING TUBE
7	1	VACUUM CUP



LEGEND:

- Ø DIAMETER
- R RADIUS
- ° DEGREES
- ∇ DEPTH
- ┌┐ COUNTERBORE

GENERAL NOTES:

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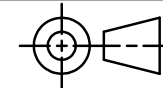
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ANGLES ±1 DEGREE
SURFACES 32 ✓

COURSE:	DDGT241
INVENTOR DRAWING NAME	ROBOTIC ARM
FIG #:	10-58
DRAFTER:	N. RODRIGUEZ
DATE:	12/18/2021
SCALE:	AS NOTED
PAGE #:	4 OF 4