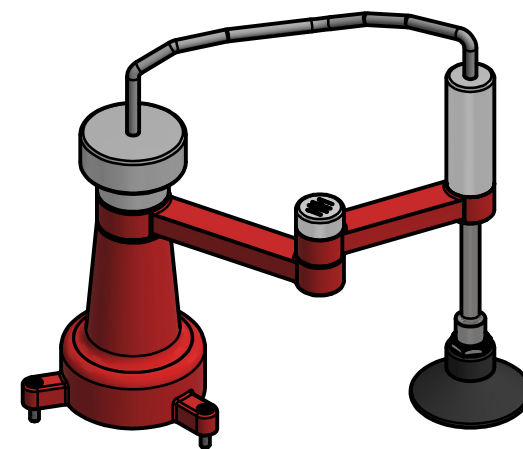


PARTS LIST				
ITEM	QTY	PART NUMBER	MATERIAL	DESCRIPTION
1	1	BASE	ALUMINUM	
2	1	ARM E-01	ALUMINUM	
3	1	ARM E-02	ALUMINUM	
4	1	SLIDING TUBE TOP	STEEL	
5	1	SLIDING TUBE BOTTOM	STEEL	
6	1	VACUUM CONNECTOR	STEEL	
7	1	VACUUM CUP 2	RUBBER	
8	1	BASE CAP	ALUMINUM	
9	1	ELBOW CAP	ALUMINUM	
10	1	VACUUM CAP	ALUMINUM	
11	3	HEXAGON SOCKET HEAD CAP SCREW	STEEL	ANSI B18.3 - 10-32 UNF - 0.75, SSHCSI
12	1	VACCUM LINE	RUBBER	



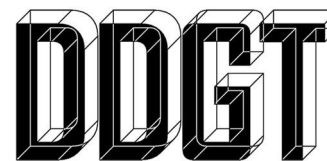
ROBOTIC ARM ASSEMBLY
SCALE 1 / 4

LEGEND:

- ∅ DIAMETER
- R RADIUS
- ° DEGREES

GENERAL NOTES:

ALL FILLETS ARE .06 INCHES UNLESS NOTED OTHERWISE
ALL CHAMFERS ARE .02 X 45° UNLESS NOTED OTHERWISE



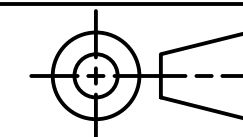
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TOLERANCES UNLESS SPECIFIED:
DECIMAL INCHES:
X = ±.020
XX = ±.010
XXX = ±.005
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES 32 ✓

COURSE: DDGT 241

INVENTOR DRAWING NAME:
ROBOTIC ARM

FIG #: 1058

DRAFTER: M. MCDONOUGH

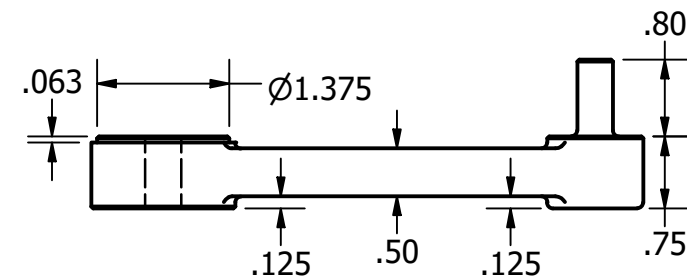
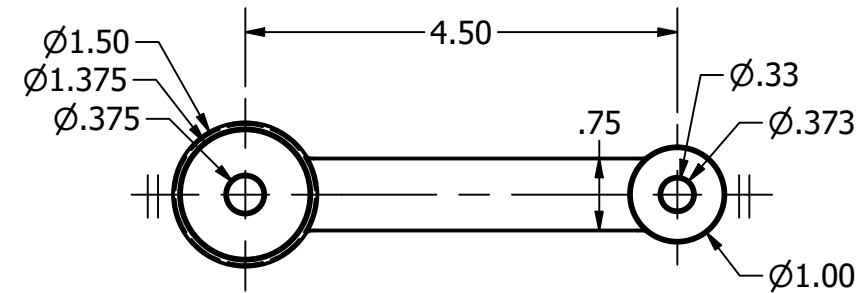
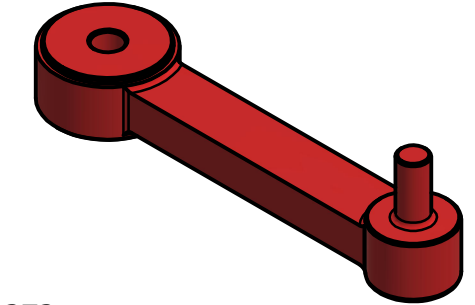
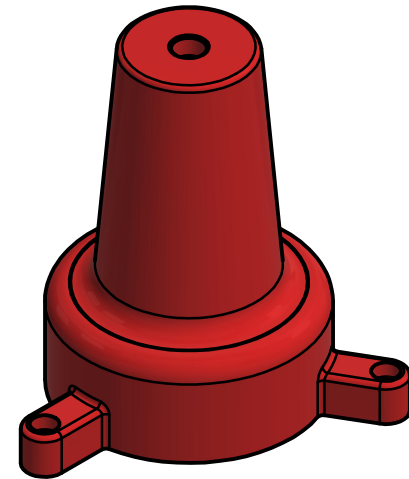
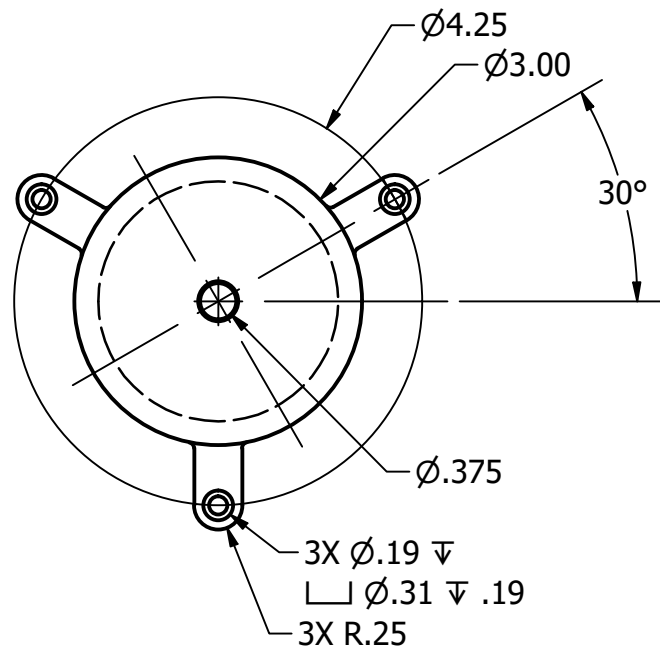
DATE: 2/16/2021

SCALE: AS NOTED

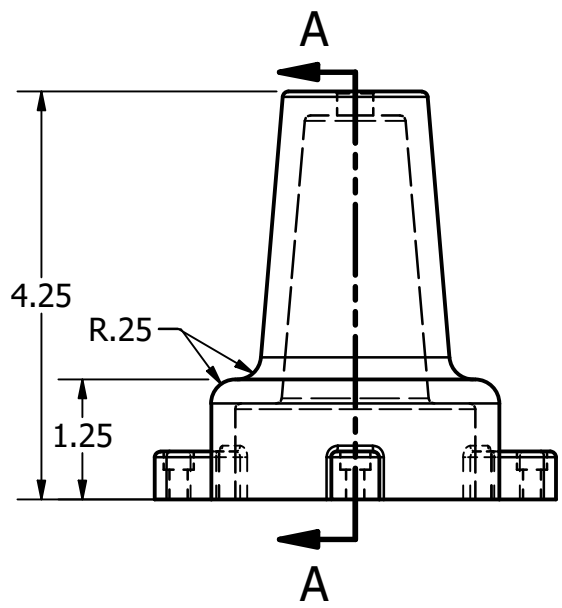
PAGE #: 1 OF 4

PARTS LIST

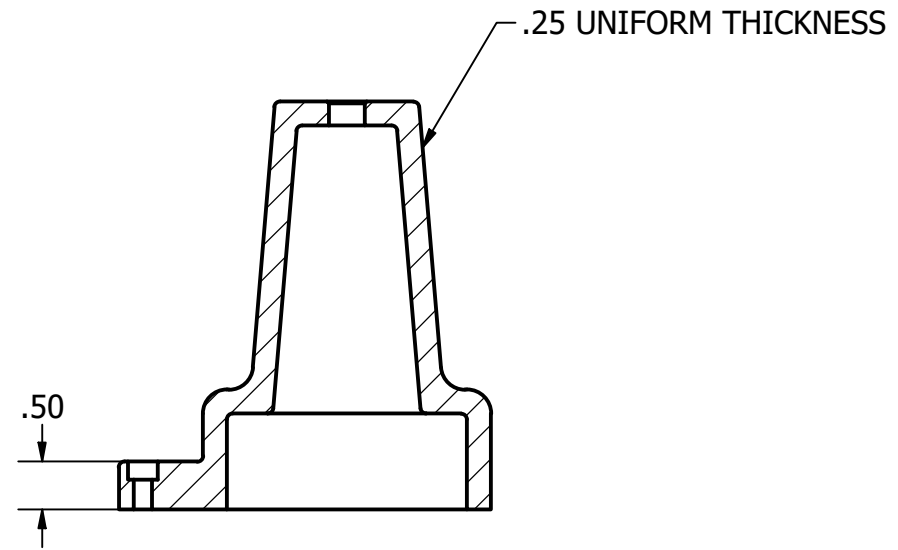
ITEM	QTY	PART NUMBER
1	1	BASE
2	1	ARM E-01



ARM E-01
SCALE 1 / 2



BASE E-01
SCALE 1 / 2



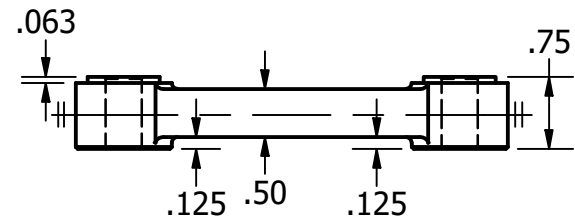
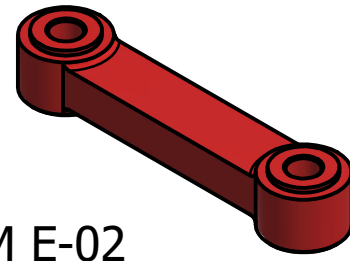
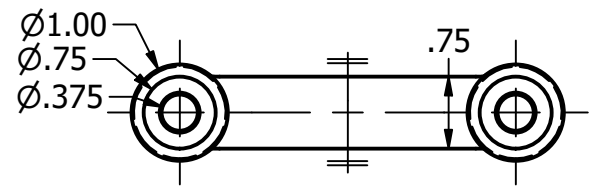
SECTION A-A
SCALE 1 / 2

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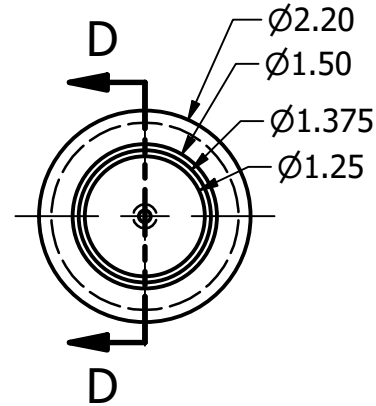
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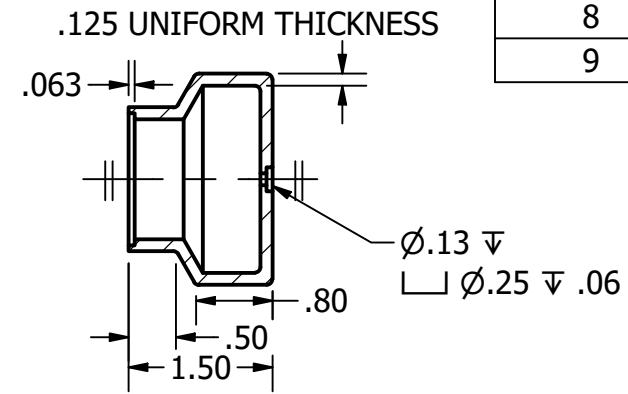
COURSE: DDGT 241
INVENTOR DRAWING NAME: ROBOTIC ARM
FIG #: 1058
DRAFTER: M. MCDONOUGH
DATE: 2/16/2021
SCALE: AS NOTED
PAGE #: 2 OF 4



ARM E-02
SCALE 1 / 2

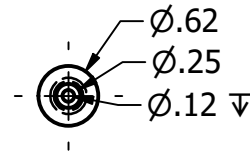
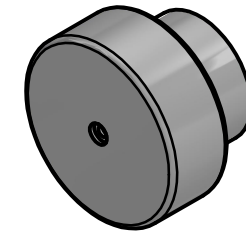


BASE CAP
SCALE 1 / 2

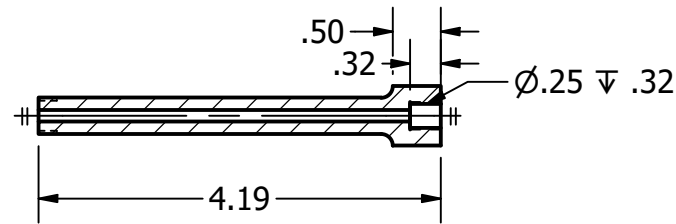


SECTION D-D
SCALE 1 / 2

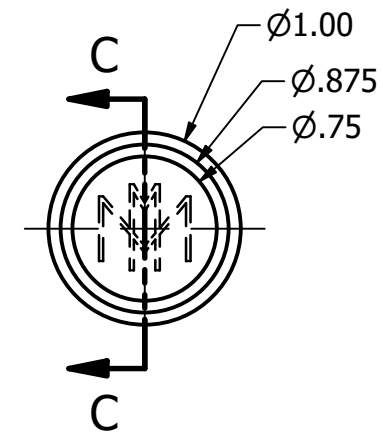
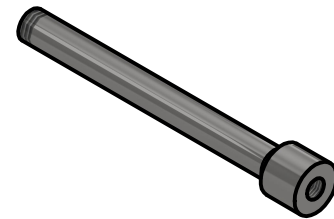
PARTS LIST		
ITEM	QTY	PART NUMBER
3	1	ARM E-02
4	1	SLIDING TUBE TOP
5	1	SLIDING TUBE BOTTOM
8	1	BASE CAP
9	1	ELBOW CAP



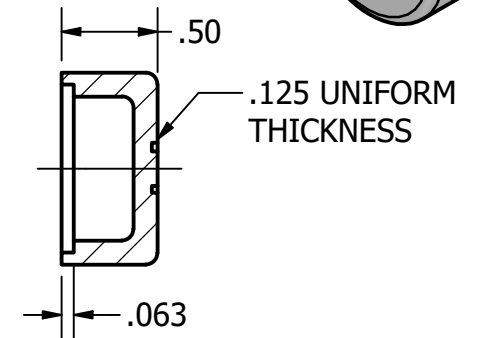
SLIDING TUBE BOTTOM
SCALE 1 / 2



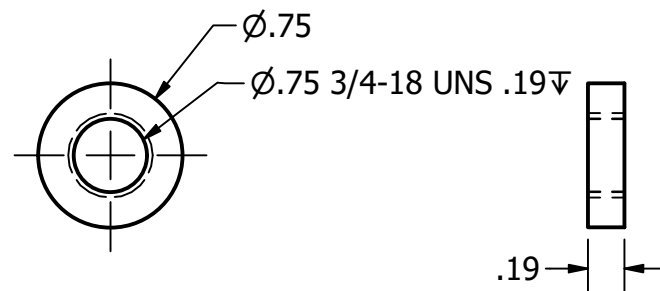
SECTION B-B
SCALE 1 / 2



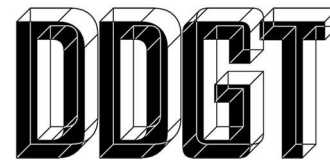
ELBOW CAP
SCALE 1 : 1



SECTION C-C
SCALE 1 : 1



SLIDING TUBE TOP
SCALE 1 : 1

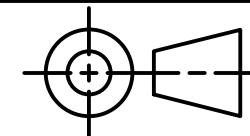


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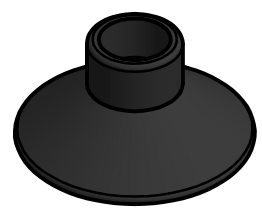
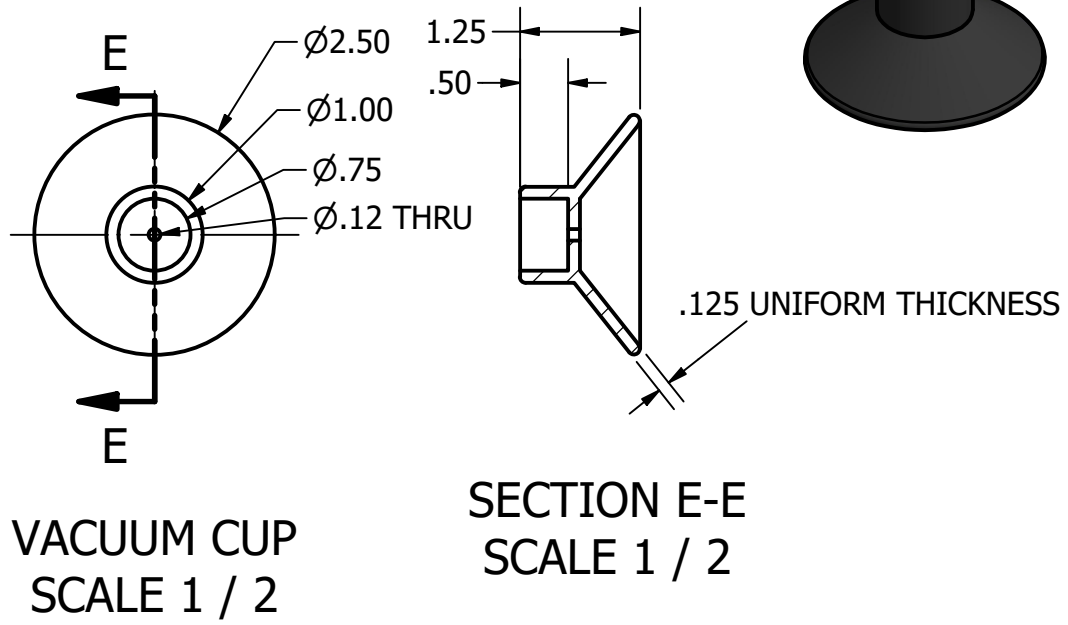
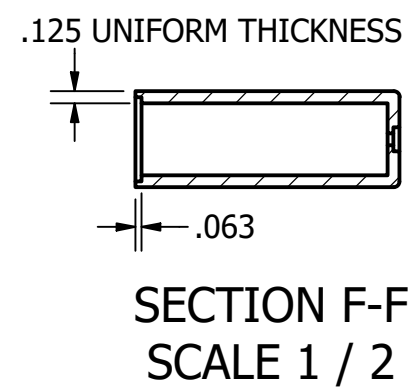
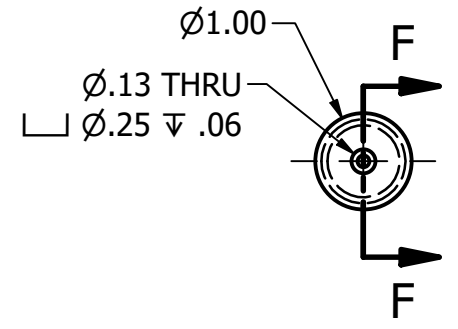
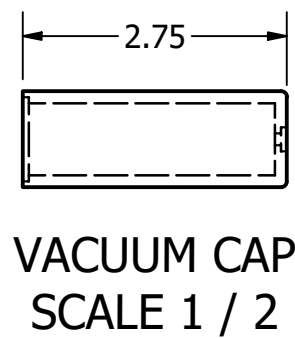
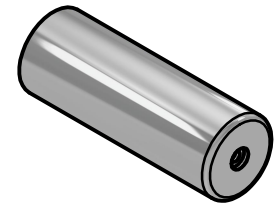
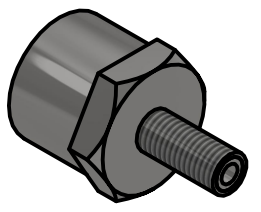
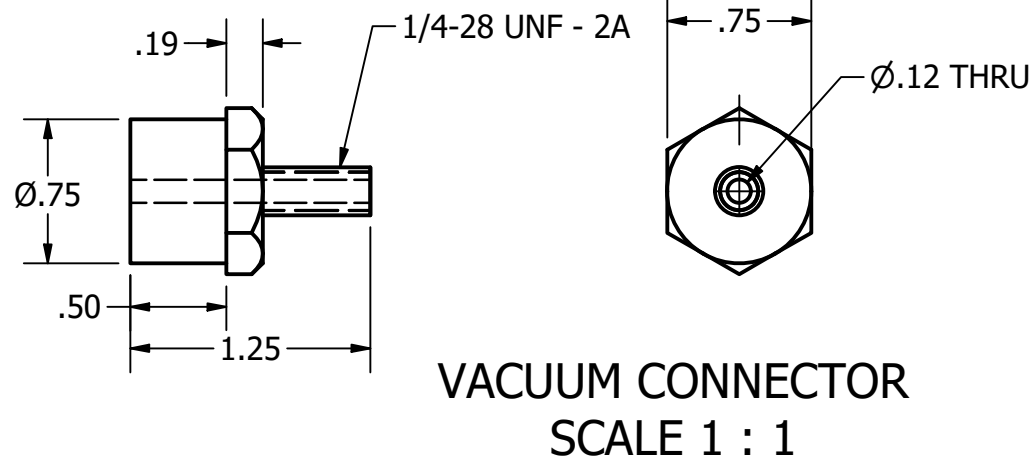
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ANGLES ±1 DEGREE
SURFACES 32 ✓

COURSE:	DDGT 241
INVENTOR DRAWING NAME:	ROBOTIC ARM
FIG #:	1058
DRAFTER:	M. MCDONOUGH
DATE:	2/16/2021
SCALE:	AS NOTED
PAGE #:	3 OF 4

PARTS LIST		
ITEM	QTY	PART NUMBER
6	1	VACUUM CONNECTOR
7	1	VACUUM CUP 2
10	1	VACUUM CAP

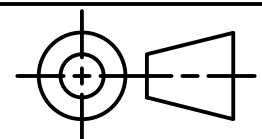


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PAGE #:	4 OF 4