

PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	BASE_E-01
2	1	ARM_E-01
3	1	ARM_E-02
4	1	BASE CAP
5	1	ELBOW CAP
6	1	VACUUM CAP
7	1	VACUUM CONNECTOR
8	1	VACUUM CUP
9	1	SLIDER TUBE ASSEMBLY
10	3	CAP SCREW
11	1	VACUUM TUBE

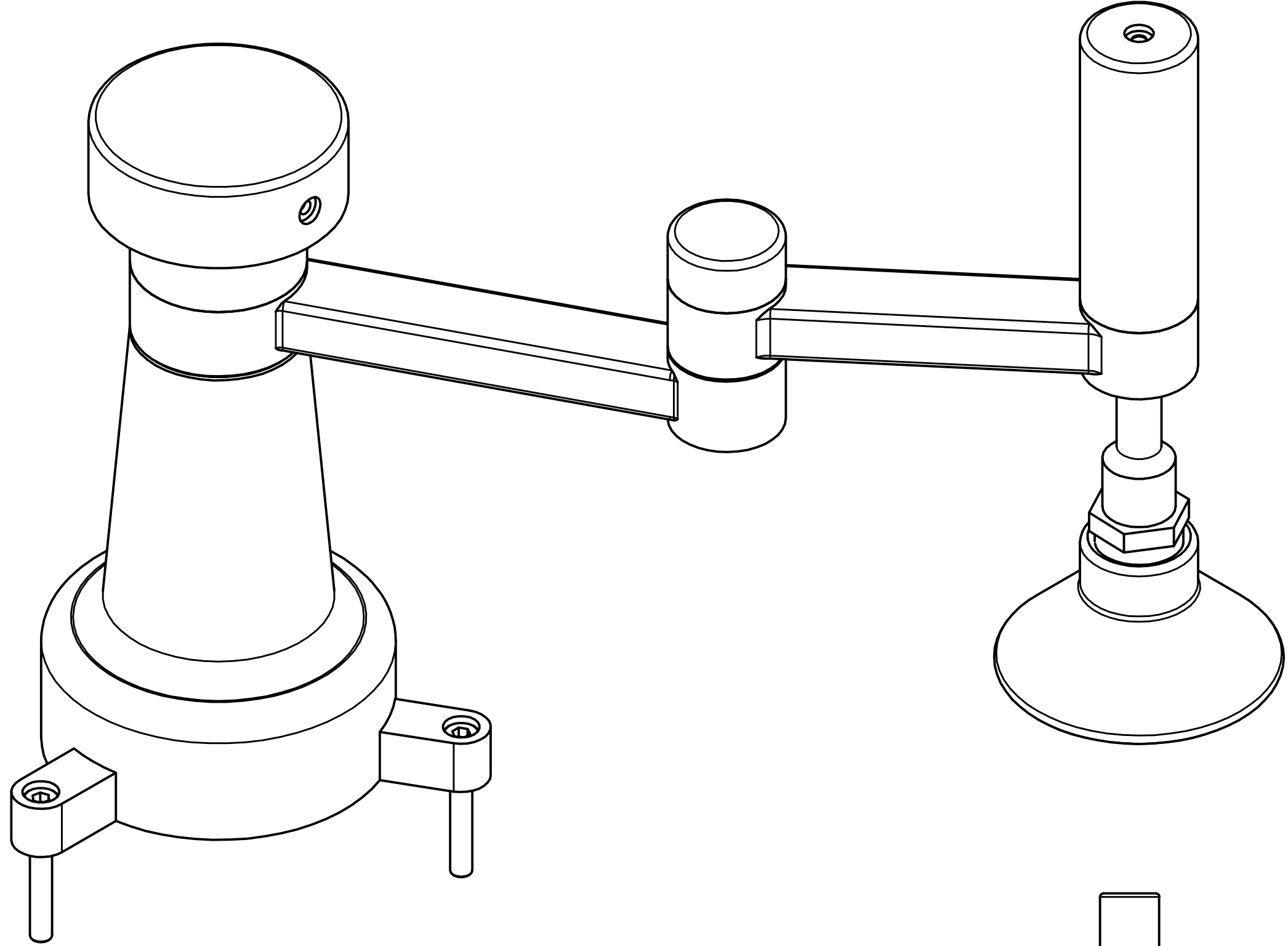


DIGITAL DESIGN  
GRAPHICS  
TECHNOLOGY

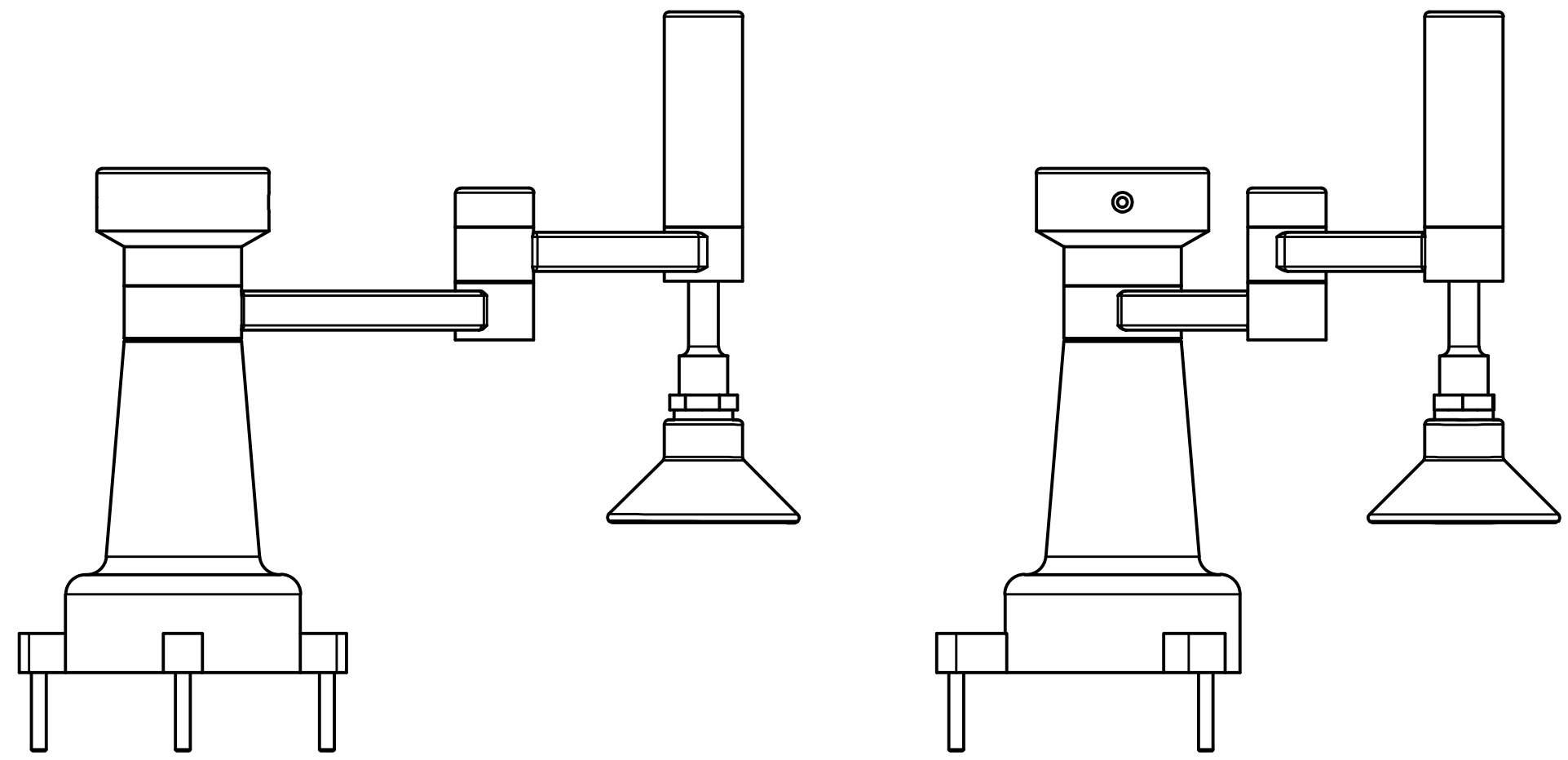
WWW.DDGT.NET

GENERAL NOTES:  
GENERAL NOTES GO  
HERE

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	ARM E-01 CHANGED FROM 4.50 TO 5.00	5/12/2026	
2	ARM E-02 CHANGED FROM 3.50in TO 4.00in	5/12/2026	
3	SLIDER TUBE CHANGED FROM 4.19in to 5.19in	5/12/2026	



ROBOTIC ARM  
SCALE 1:1

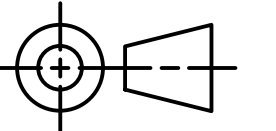


SCALE 1:2

**GENERAL NOTES:**  
GENERAL NOTES GO HERE

**LEGEND:**

- ∅ DIAMETER
- R RADIUS
- ° DEGREES
- COUNTERBORE/SPOTFACE
- ∇ COUNTERSINK
- ∇ DEPTH
- CUBED

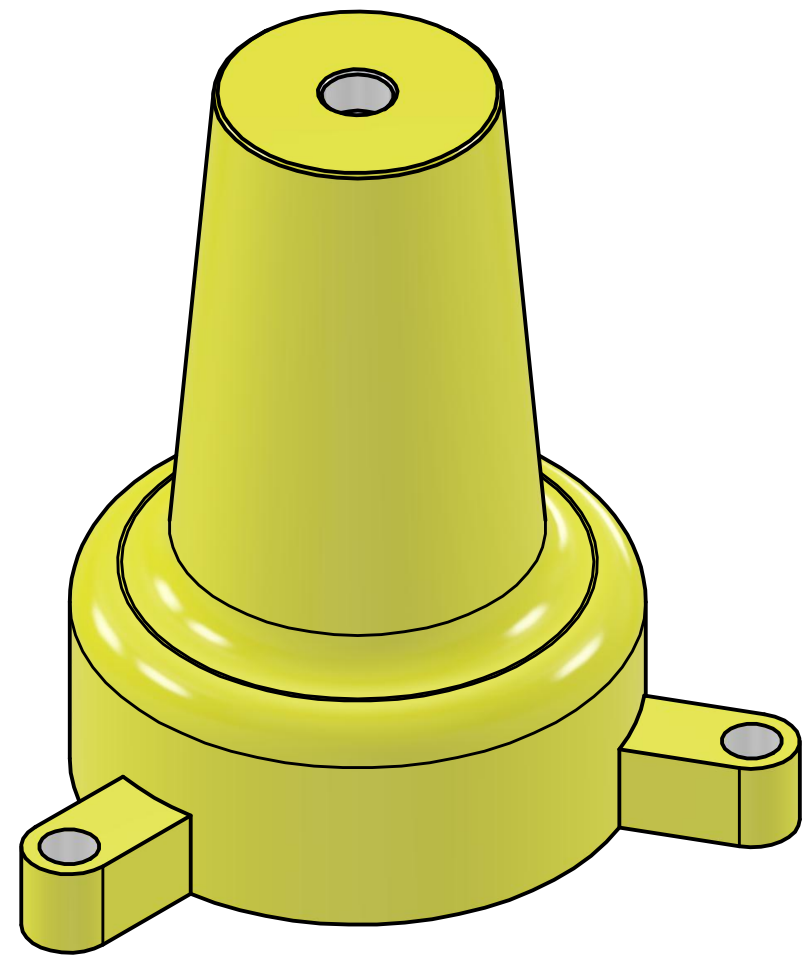


TOLERANCES UNLESS SPECIFIED:  
DECIMAL INCHES:  
X = ±.020  
XX = ±.010  
XXX = ±.005  
FRACTIONAL ±1/64"  
ANGLES ±1 DEGREE

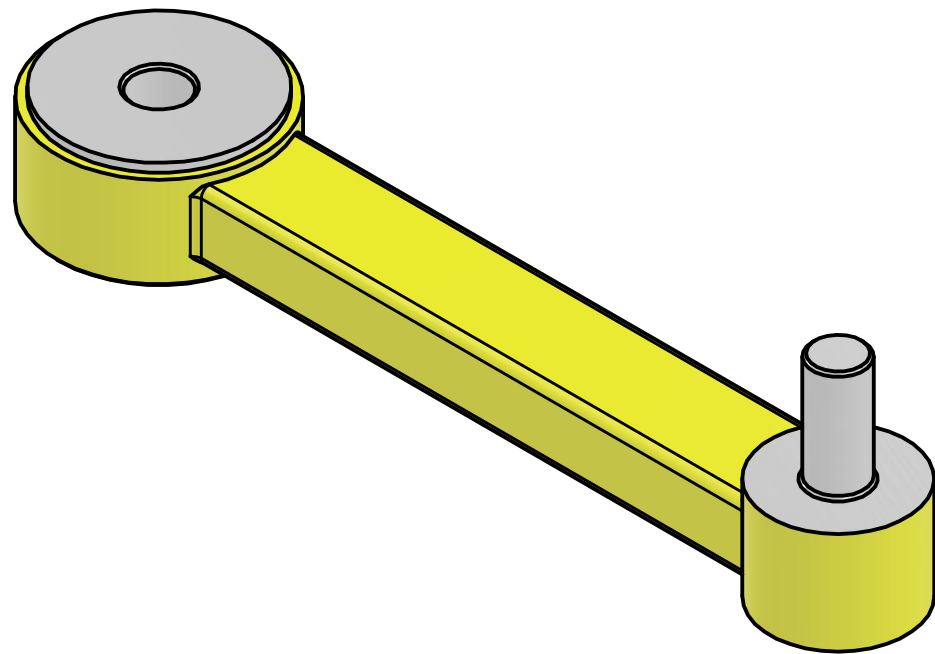
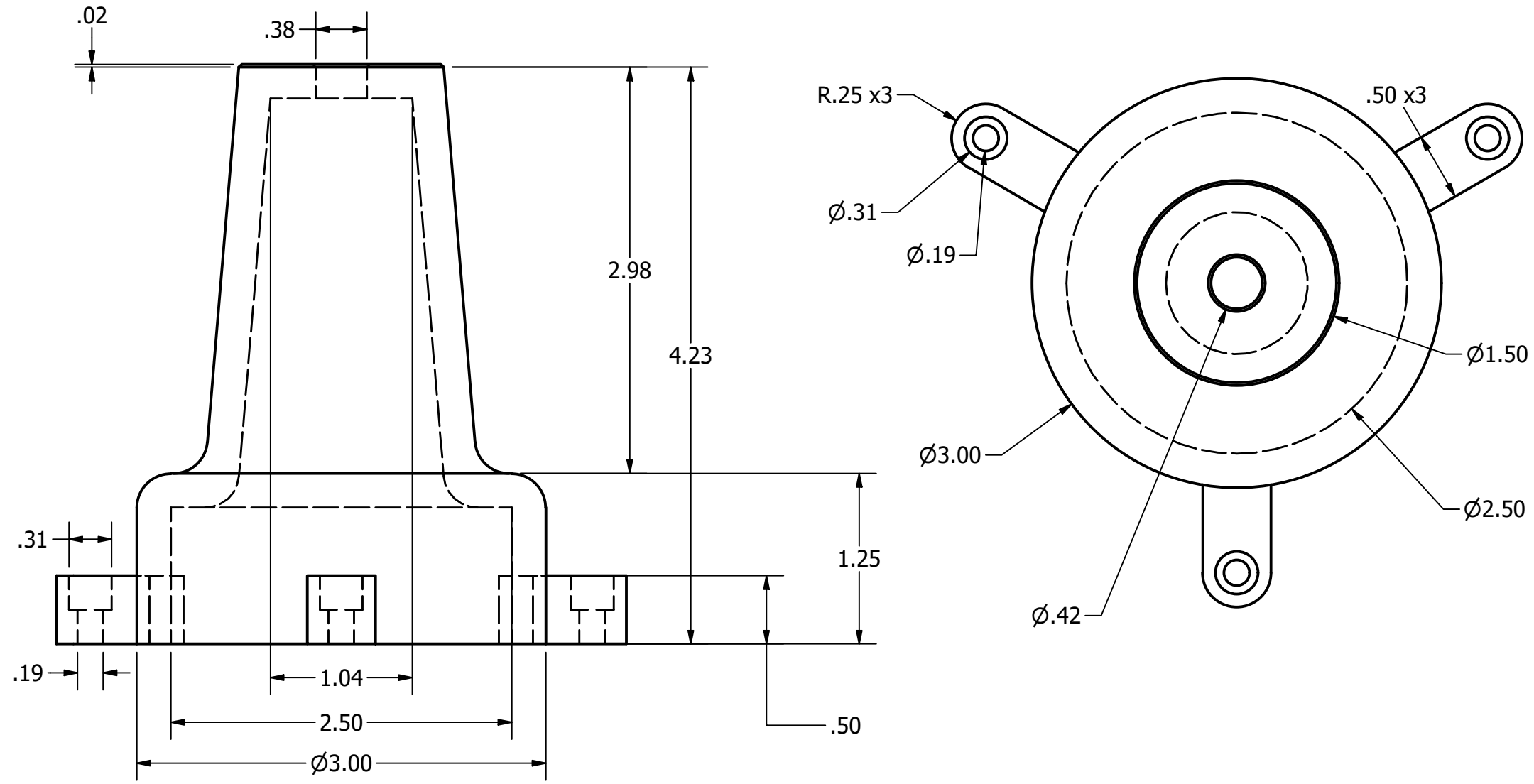
SURFACES 32

CLASS:	DDGT241
PAGE #:	XX
INVENTOR DRAWING NAME:	ROBOTIC ARM
FIG #:	FIG # 10-58
MANAGER:	G. STROMMEN
DRAFTER:	pbusc
DATE:	4/27/2026
SCALE:	AS NOTED
PAGE #:	1 OF 3

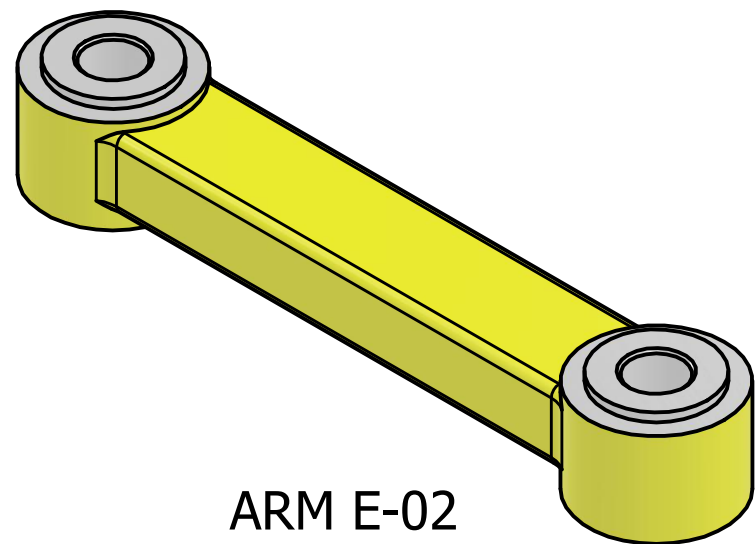
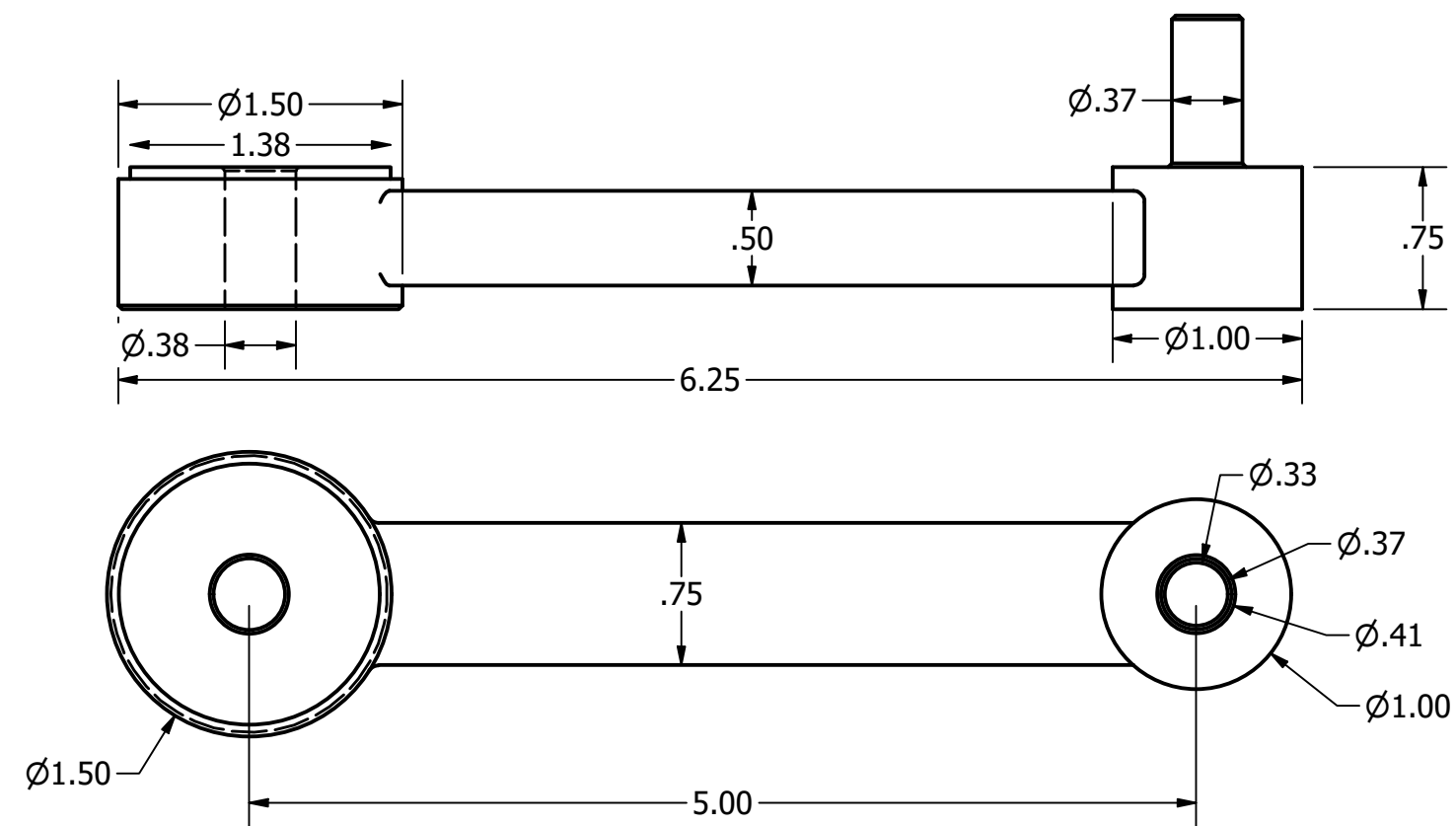
GENERAL NOTES:  
GENERAL NOTES GO  
HERE



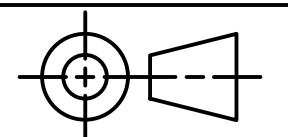
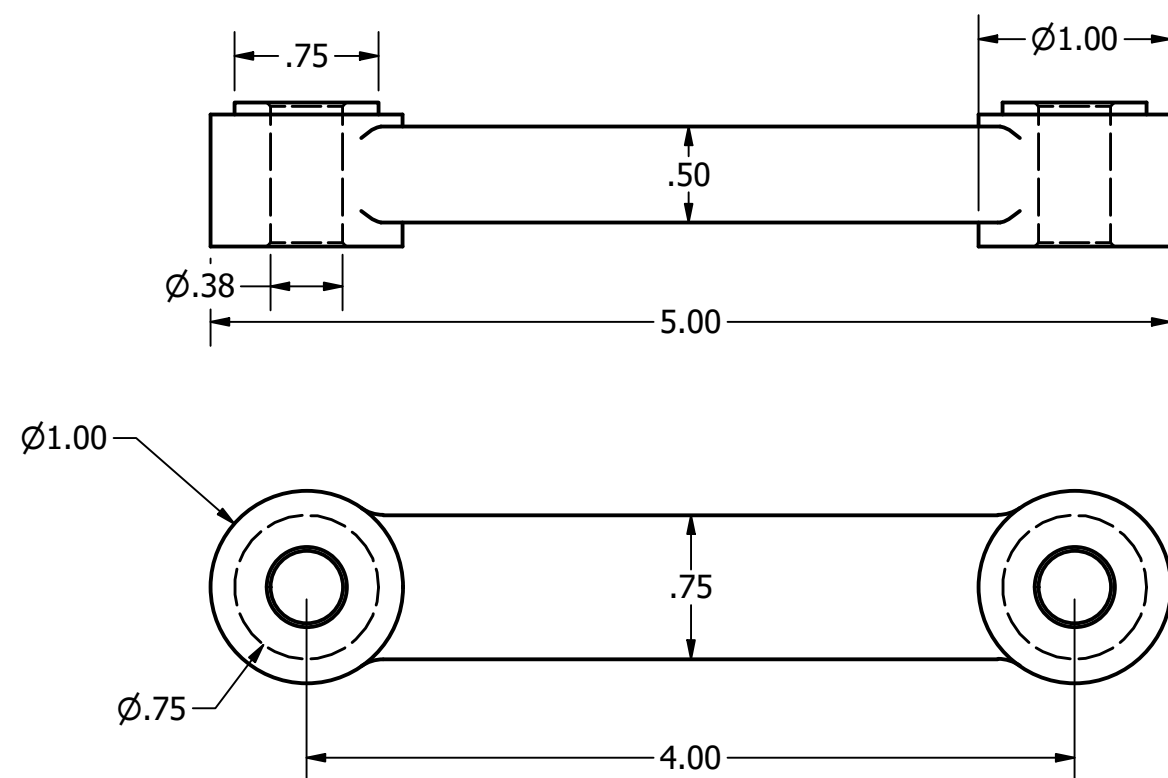
BASE E-01  
SCALE 1:1



ARM E-01  
SCALE 1:1



ARM E-02  
SCALE 1:1



TOLERANCES UNLESS SPECIFIED:  
DECIMAL INCHES:  
X =  $\pm 0.020$   
XX =  $\pm 0.010$   
XXX =  $\pm 0.005$   
FRACTIONAL  $\pm 1/64$ "  
ANGLES  $\pm 1$  DEGREE

SURFACES  $\sqrt{\text{V}}$

CLASS: DDGT241

PAGE #: XX

INVENTOR DRAWING NAME:

ROBOTIC ARM

FIG #: FIG # 10-58

MANAGER: G. STROMMEN

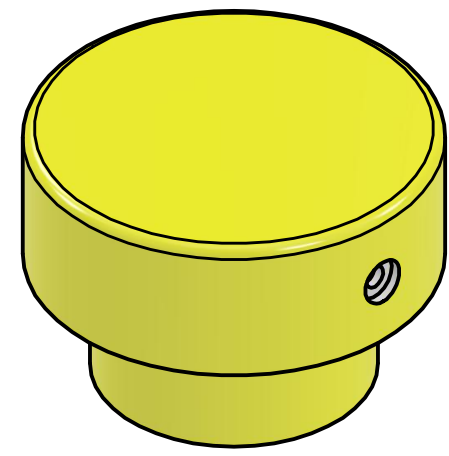
DRAFTER: pbusc

DATE: 4/27/2026

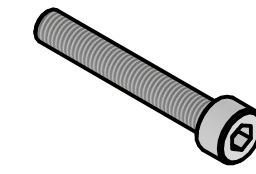
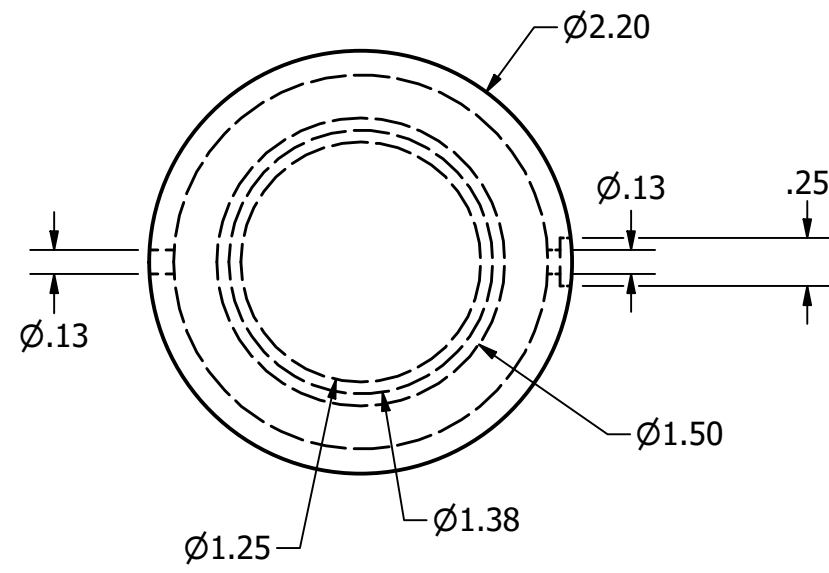
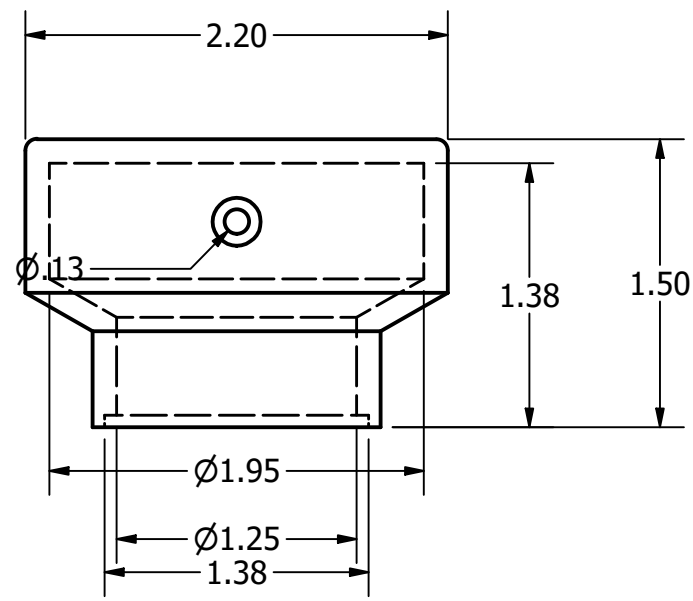
SCALE: AS NOTED

PAGE #: 2 OF 3

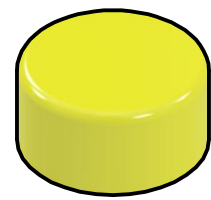
GENERAL NOTES:  
GENERAL NOTES GO  
HERE



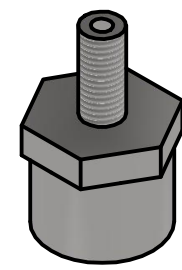
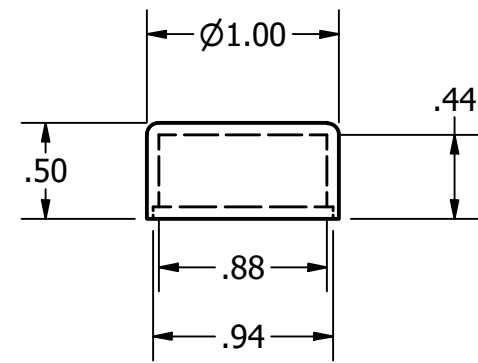
BASE CAP  
SCALE 1:1



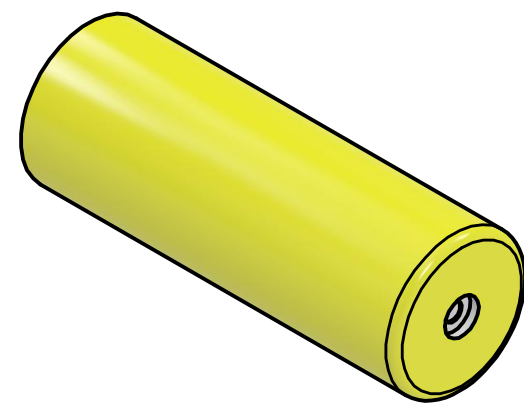
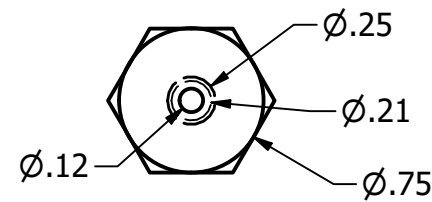
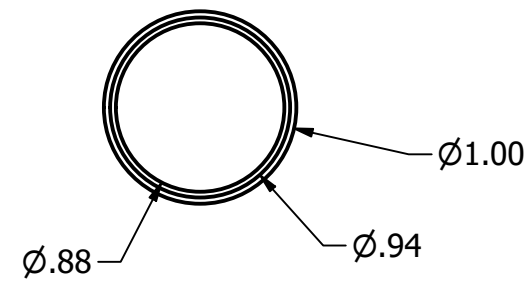
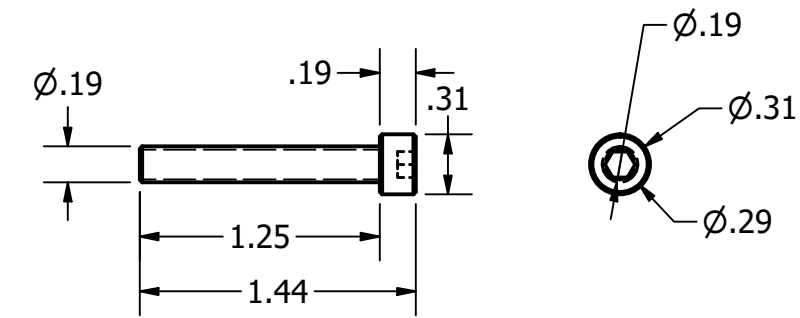
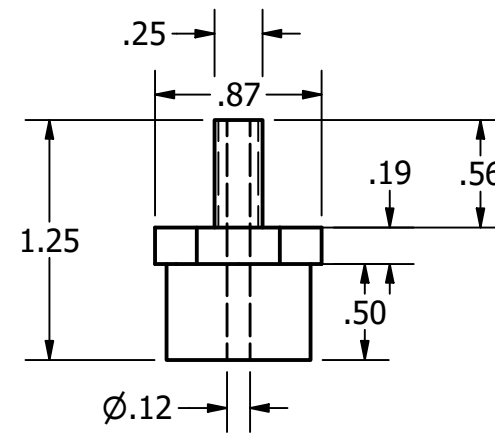
CAP SCREW  
SCALE 1:1



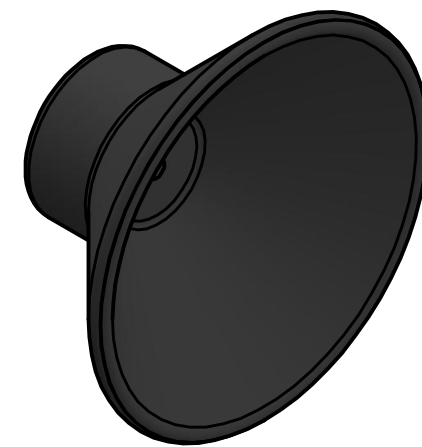
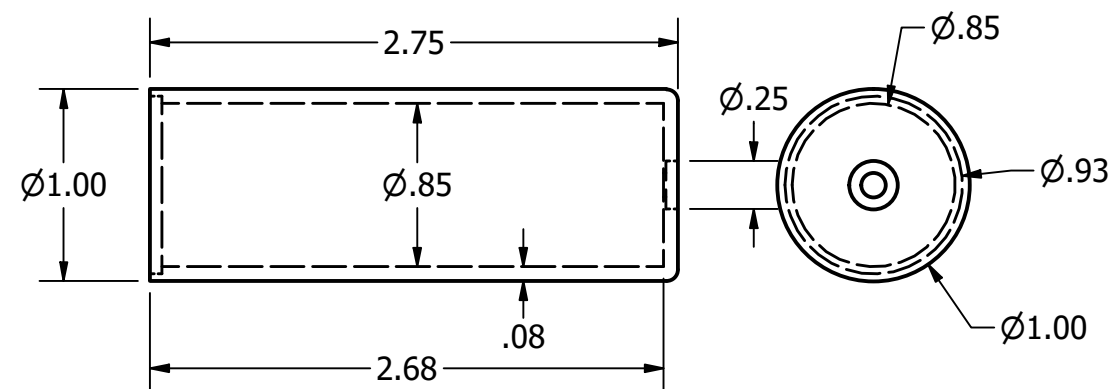
ELBOW CAP  
SCALE 1:1



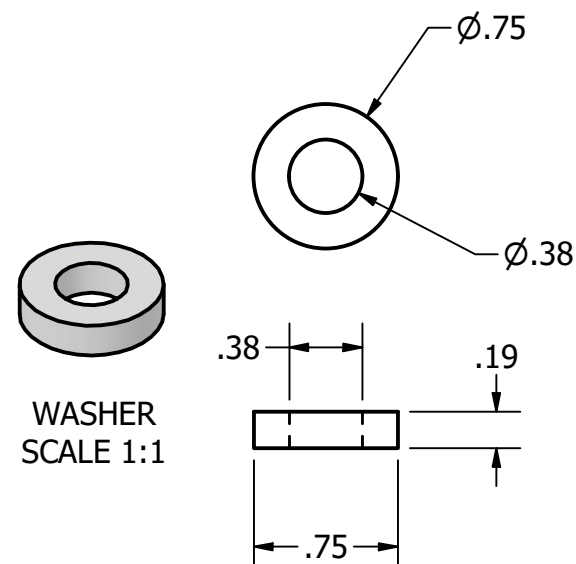
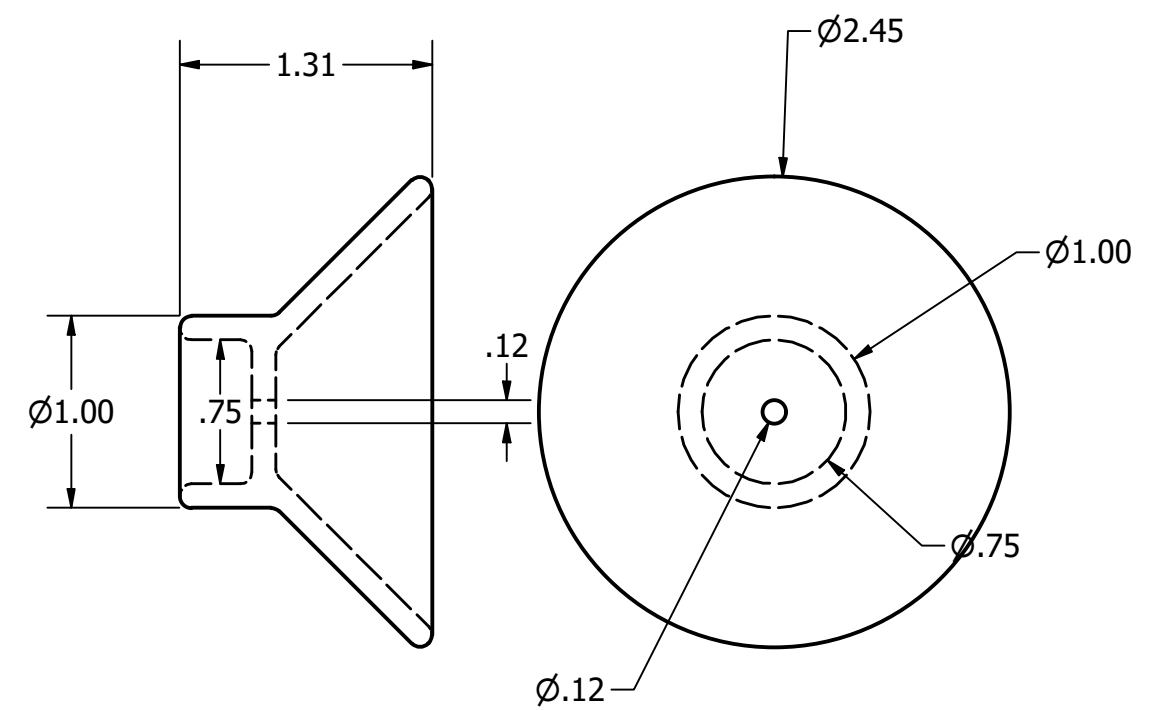
VACUUM  
CONNECTOR  
SCALE 1:1



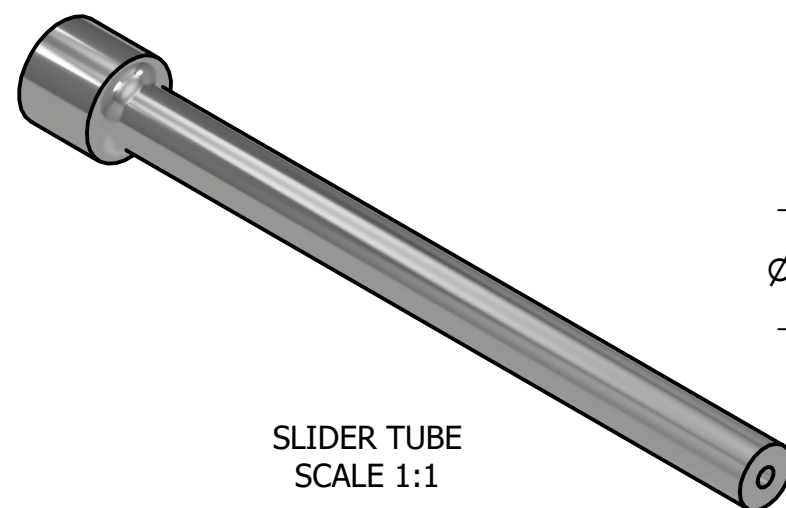
VACUUM CAP  
SCALE 1:1



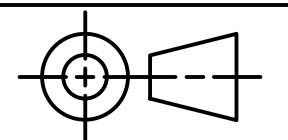
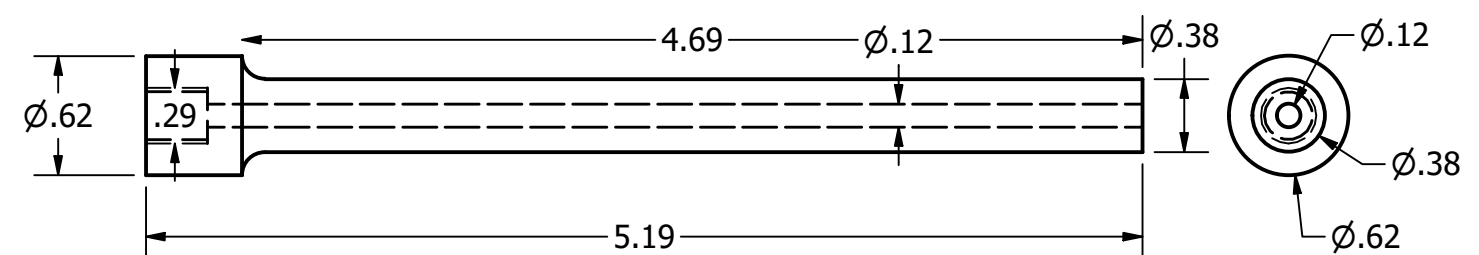
VACUUM CUP  
SCALE 1:1



WASHER  
SCALE 1:1



SLIDER TUBE  
SCALE 1:1



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

SURFACES  $\sqrt{\text{V}}$

CLASS: DDGT241

PAGE #: XX

INVENTOR DRAWING NAME:

ROBOTIC ARM

FIG #: FIG # 10-58

MANAGER: G. STROMMEN

DRAFTER: pbusc

DATE: 4/27/2026

SCALE: AS NOTED

PAGE #: 3 OF 3