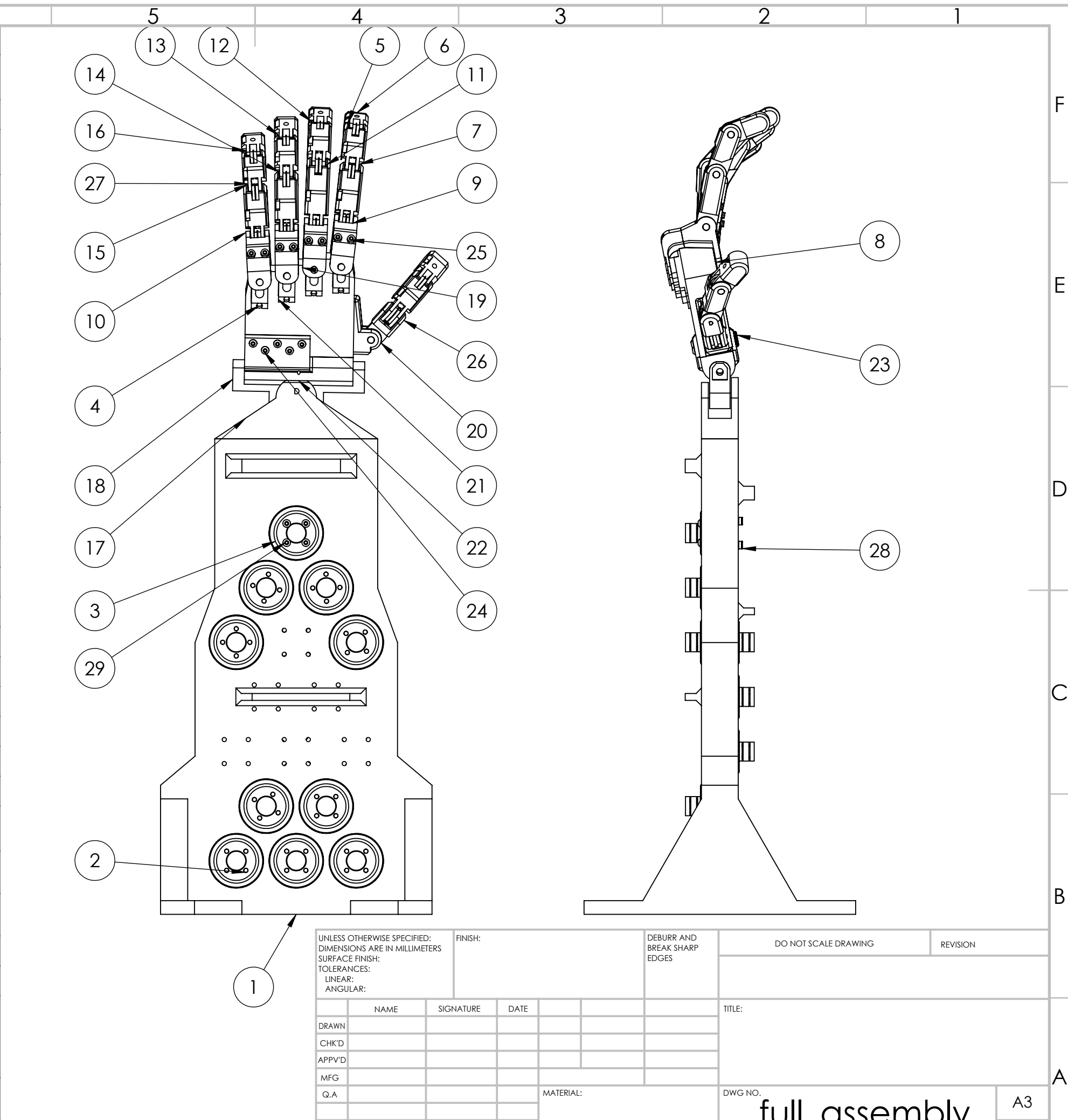
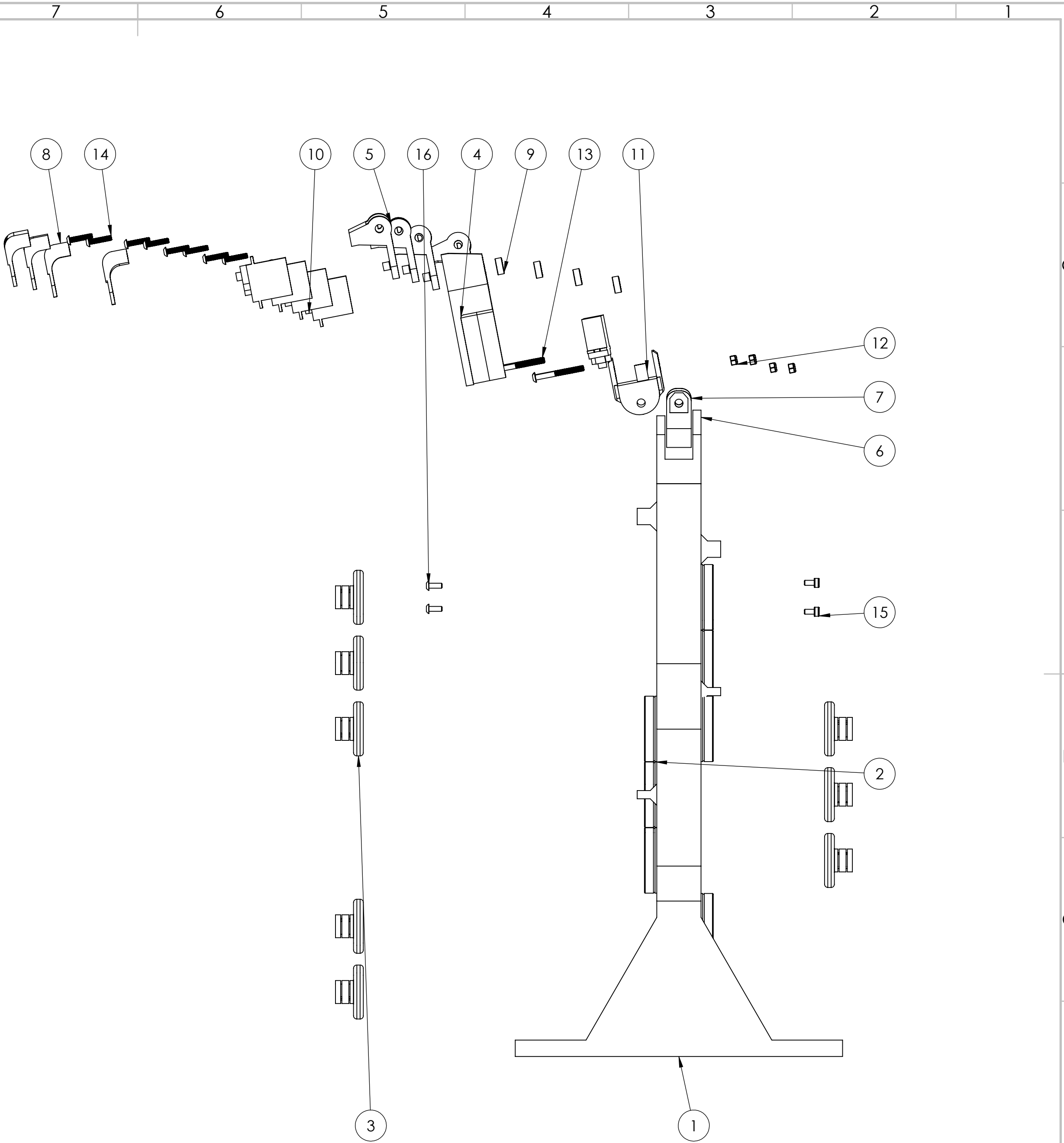


8		7		6	
	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	
F	1	ForearmMotorHousing		1	
	2	Motor		16	
	3	motor_spindle_10mm		16	
E	4	palm		1	
	5	fingMidsection		2	
	6	fingerTip		5	
D	7	fingerBase		1	
	8	7804K106	Stainless Steel Ball Bearing	7	
	9	pin_2		15	
C	10	finger_interface_bottom		4	
	11	fingerBase_middle		1	
	12	fingMidsection_middle		1	
B	13	fingMidsection_ring		1	
	14	fingerBase_ring		1	
	15	fingerBase_pinky		1	
A	16	fingMidsection_pinky		1	
	17	Wrist 2 forearm		1	
	18	Wrist mid		1	
	19	finger_interface_top		4	
	20	thumbbase2		1	
	21	servo		5	
	22	palm_bottom		1	
	23	90453A111	Low-Profile Nylon-Insert Locknuts	5	
	24	92095A187	Button Head Hex Drive Screw	5	
	25	92095A168	Button Head Hex Drive Screw	8	
	26	fingsplay		1	
	27	potentiometer		14	
	28	91274A102	Zinc-Flake-Coated Alloy Steel Socket Head Screw	4	
	29	92095A181	Button Head Hex Drive Screw	4	

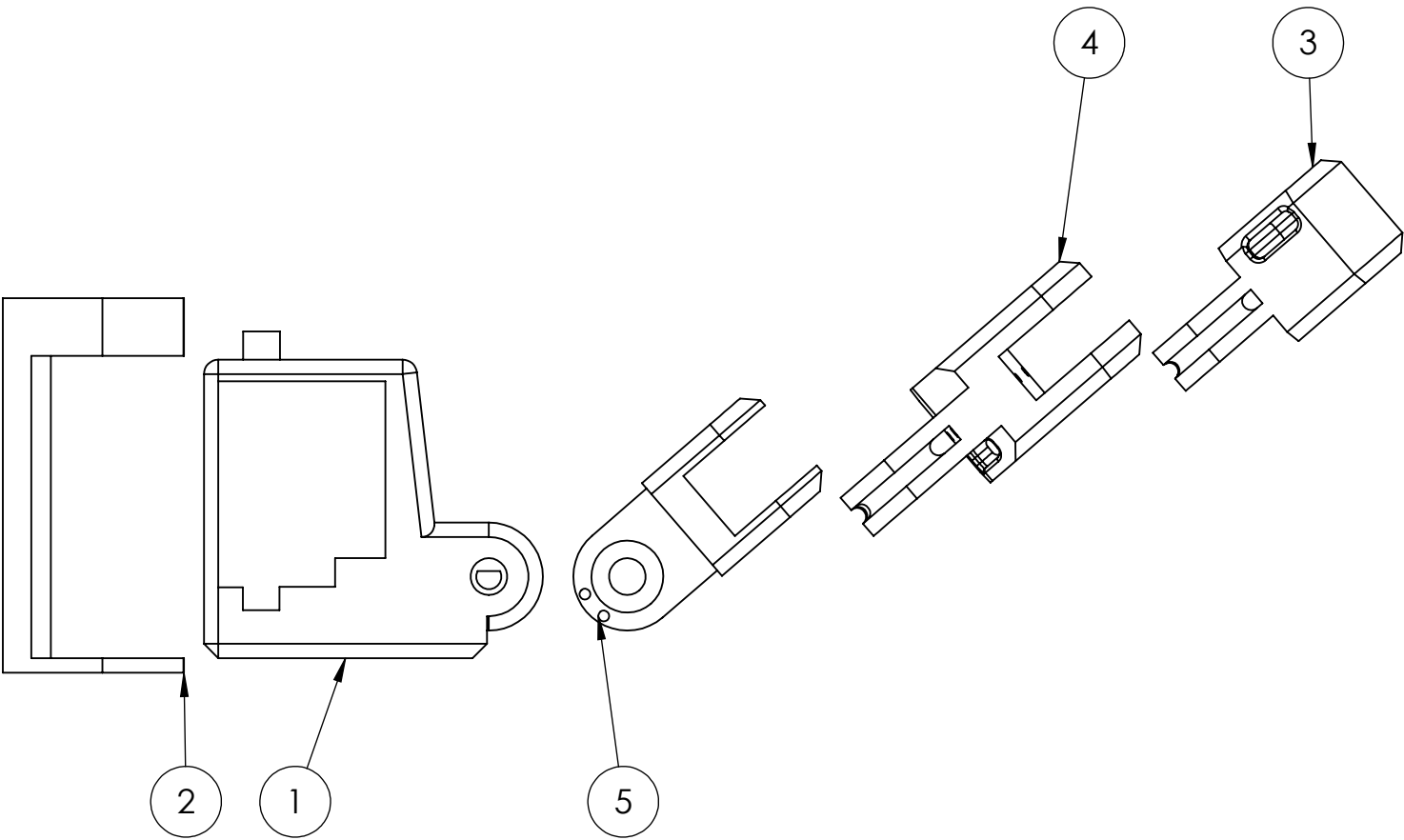


12		11		10		9	
ITEM NO.		PART NUMBER		DESCRIPTION		QTY.	
1		ForearmMotorHousing				1	
2		Motor				16	
3		motor_spindle_10mm				16	
4		palm				1	
5		finger_interface_bottom				4	
6		Wrist 2 forearm				1	
7		Wrist mid				1	
8		finger_interface_top				4	
9		7804K106		Stainless Steel Ball Bearing		4	
10		servo				5	
11		palm_bottom				1	
12		90453A111		Low-Profile Nylon-Insert Locknuts		5	
13		92095A187		Button Head Hex Drive Screw		5	
14		92095A168		Button Head Hex Drive Screw		8	
15		91274A102		Zinc-Flake-Coated Alloy Steel Socket Head Screw		4	
16		92095A181		Button Head Hex Drive Screw		4	

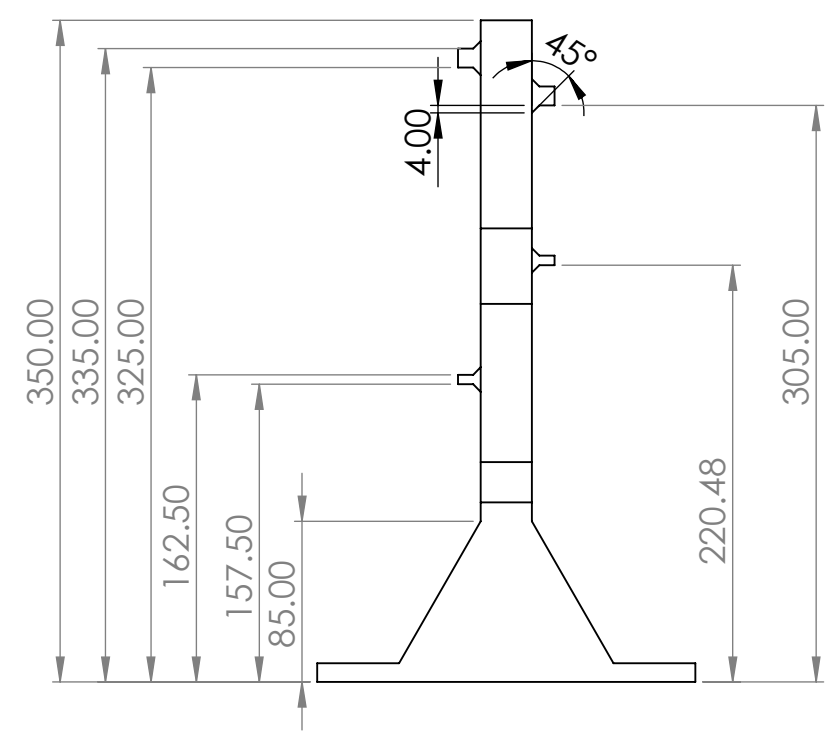
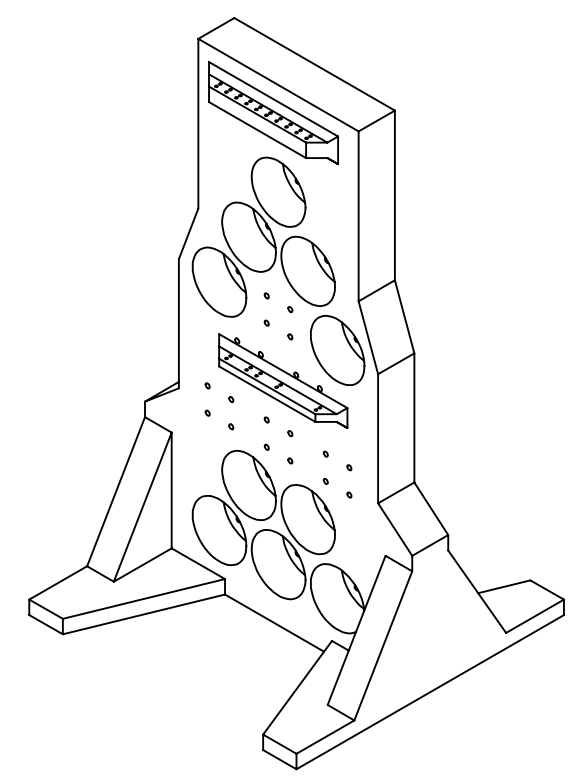
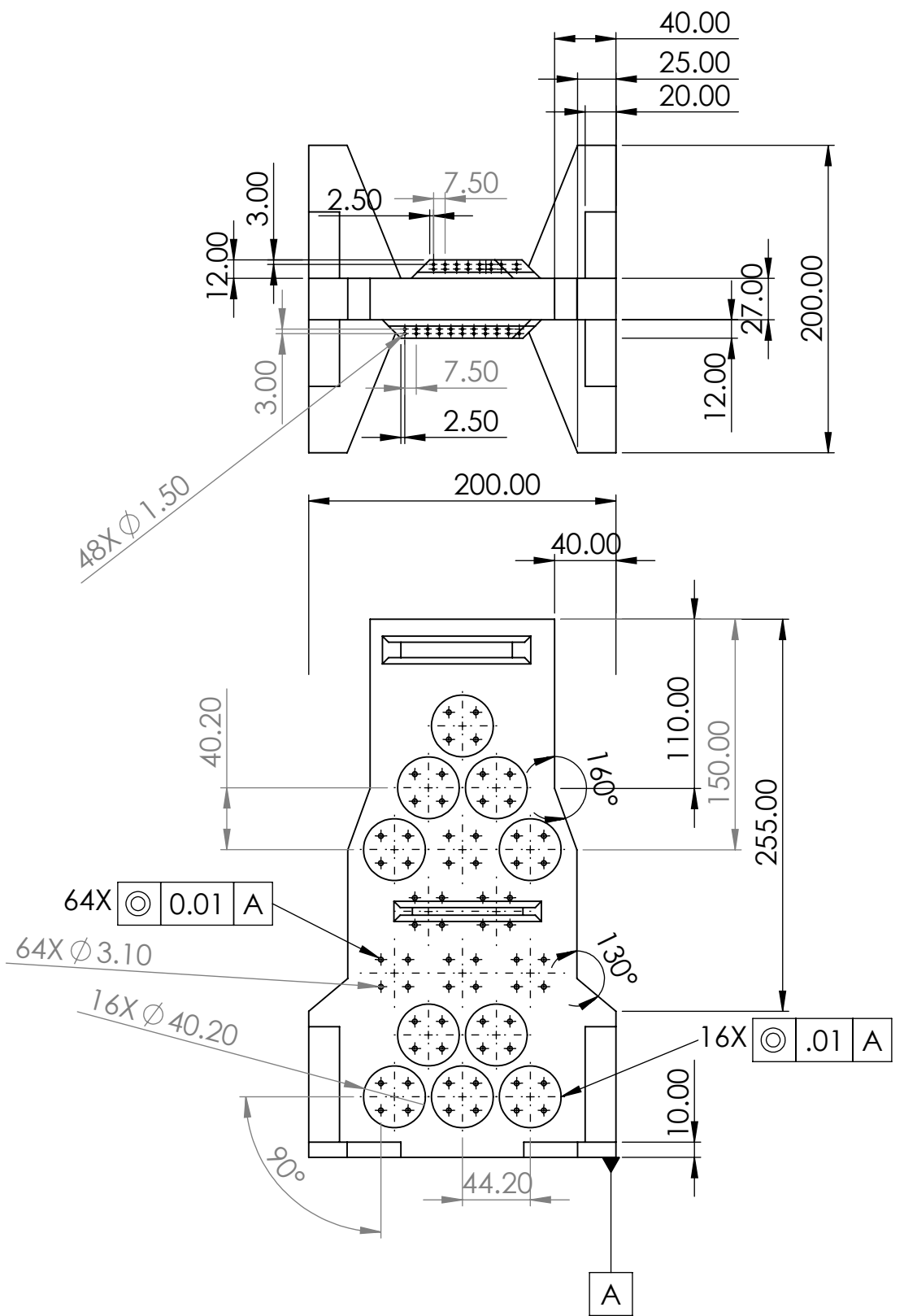


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN		NAME		SIGNATURE		DATE				TITLE: Base Section assembly	
CHK'D		Markus				4/27/25					
APP'VD											
MFG											
Q.A											
						MATERIAL:				DWG NO. Base section assembly	
						WEIGHT:				SCALE:1:2	
										SHEET 1 OF 1	

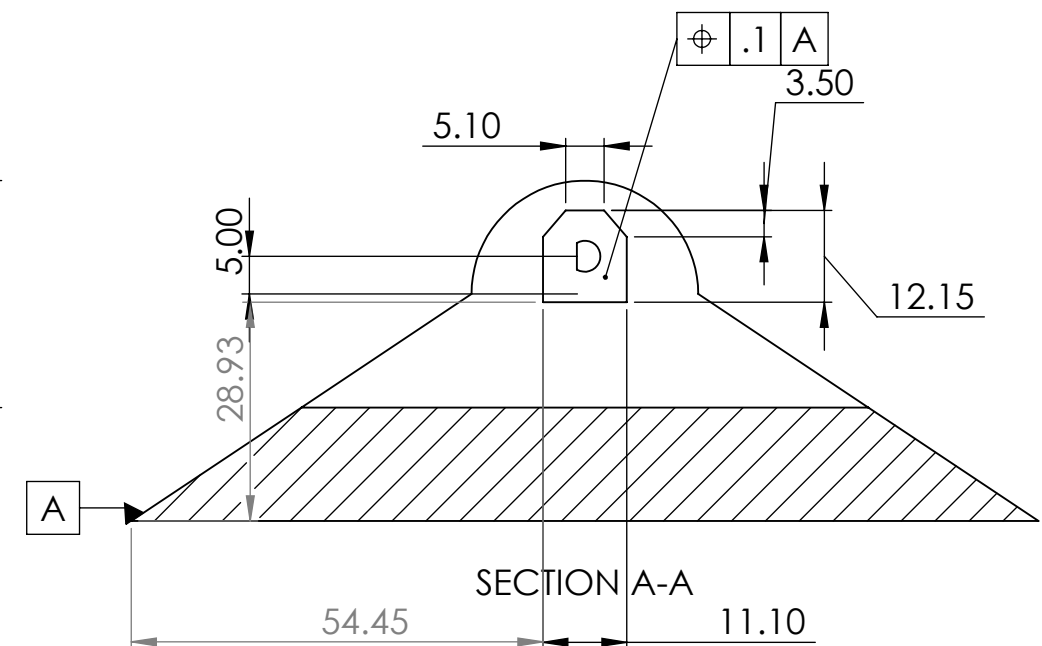
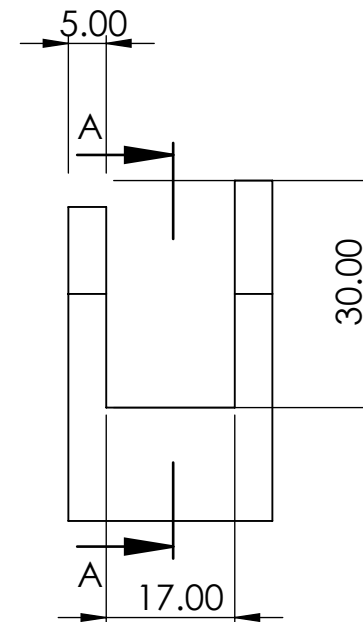
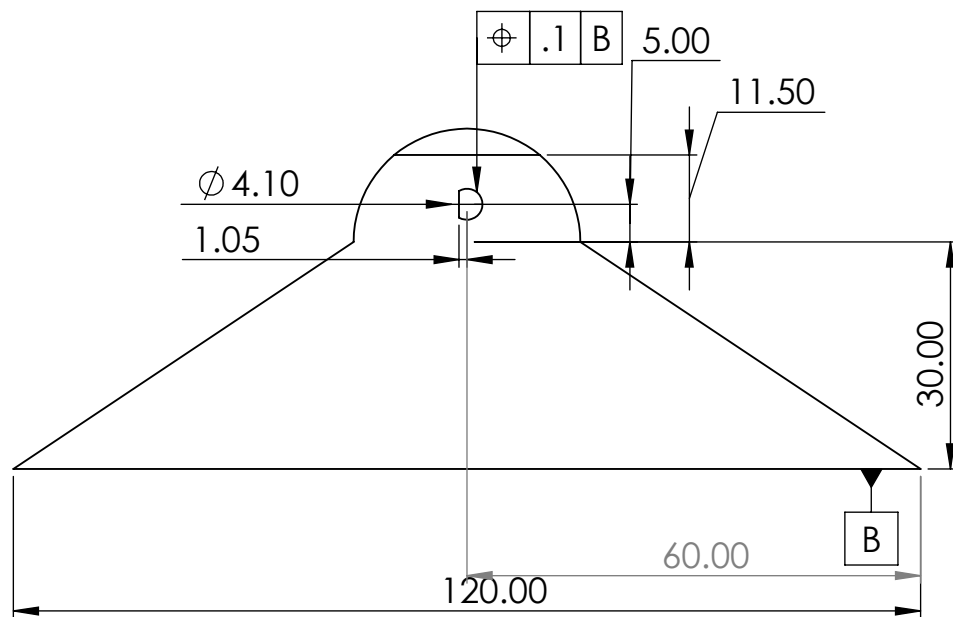
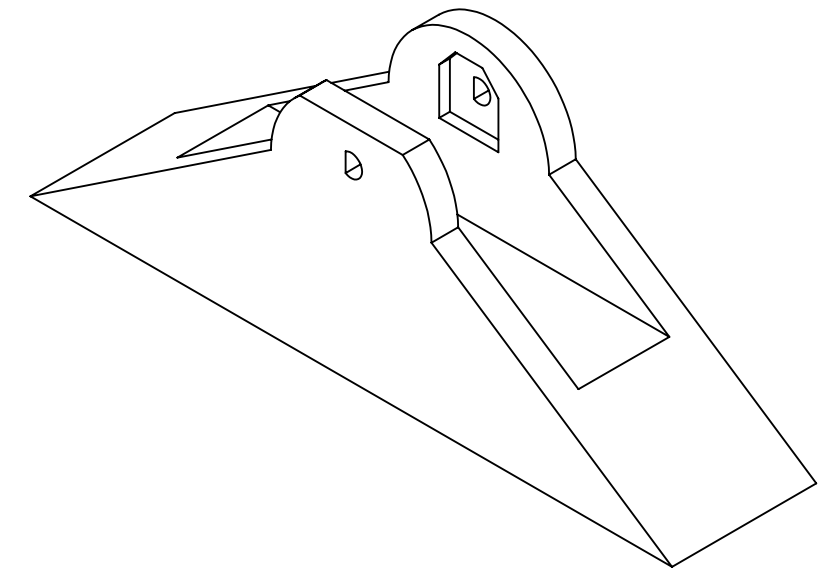
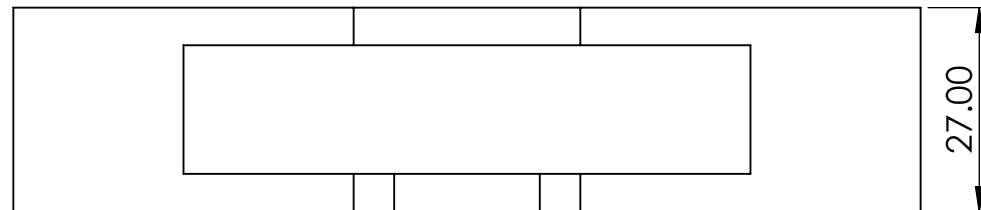
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	thumbbase2		1
2	bracket	Use for representation	1
3	fingerTip		1
4	fingerMidsection		1
5	fingersplay		1



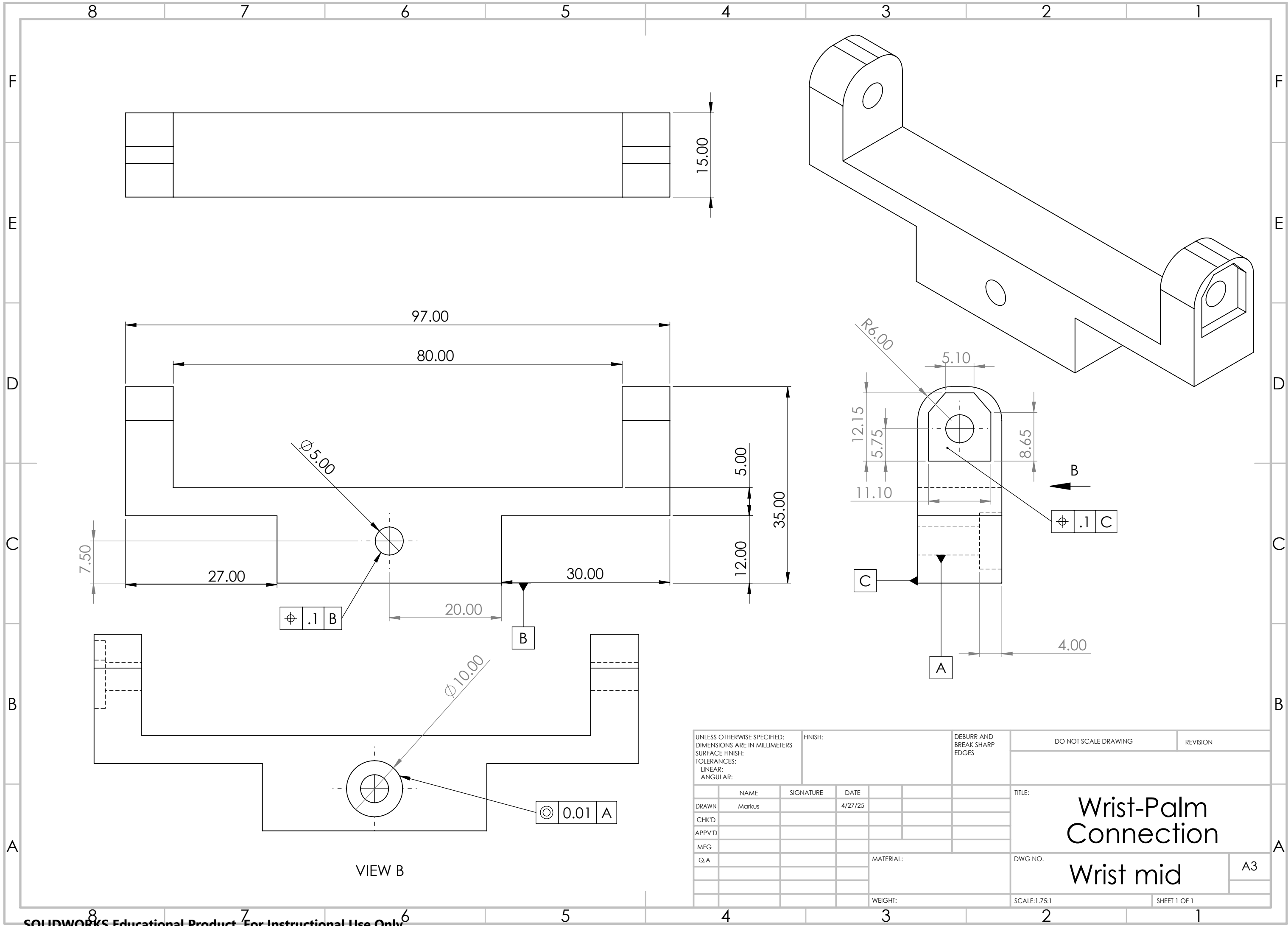
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION		
DRAWN		NAME		SIGNATURE		DATE		TITLE:		Thumb assembly		
CHK'D						4/27/25						
APPV'D												
MFG												
Q.A								MATERIAL:		DWG NO.		
										Thumb3		
										A3		
								WEIGHT:		SCALE:1:2		
										SHEET 1 OF 1		

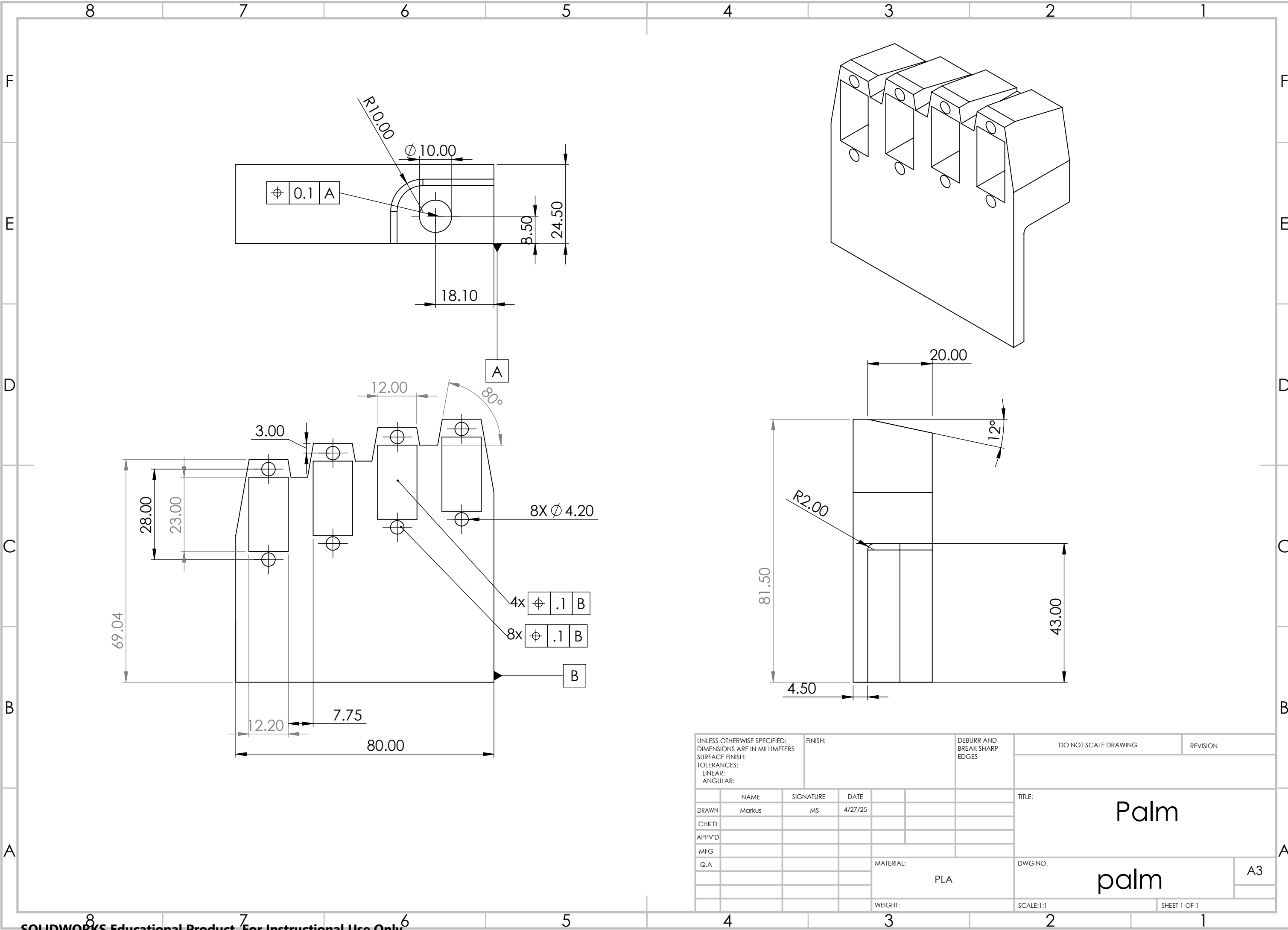


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
	NAME		SIGNATURE		DATE				TITLE: <div>Forearm</div>		
DRAWN	Markus				4/27/25						
CHK'D											
APPV'D											
MFG											
Q.A							MATERIAL:		DWG NO.		A3
									ForearmMotorHousing		
							WEIGHT:		SCALE:1:4		SHEET 1 OF 1



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:			FINISH:			DEBURR AND BREAK SHARP EDGES			DO NOT SCALE DRAWING			REVISION			
	NAME		SIGNATURE		DATE					TITLE: Wrist-Forearm connection					
DRAWN	Markus				4/27/25										
CHK'D															
APPV'D															
MFG															
Q.A					MATERIAL:				DWG NO.			A3			
									Wrist 2 forearm						
					WEIGHT:				SCALE:1:1			SHEET 1 OF 1			

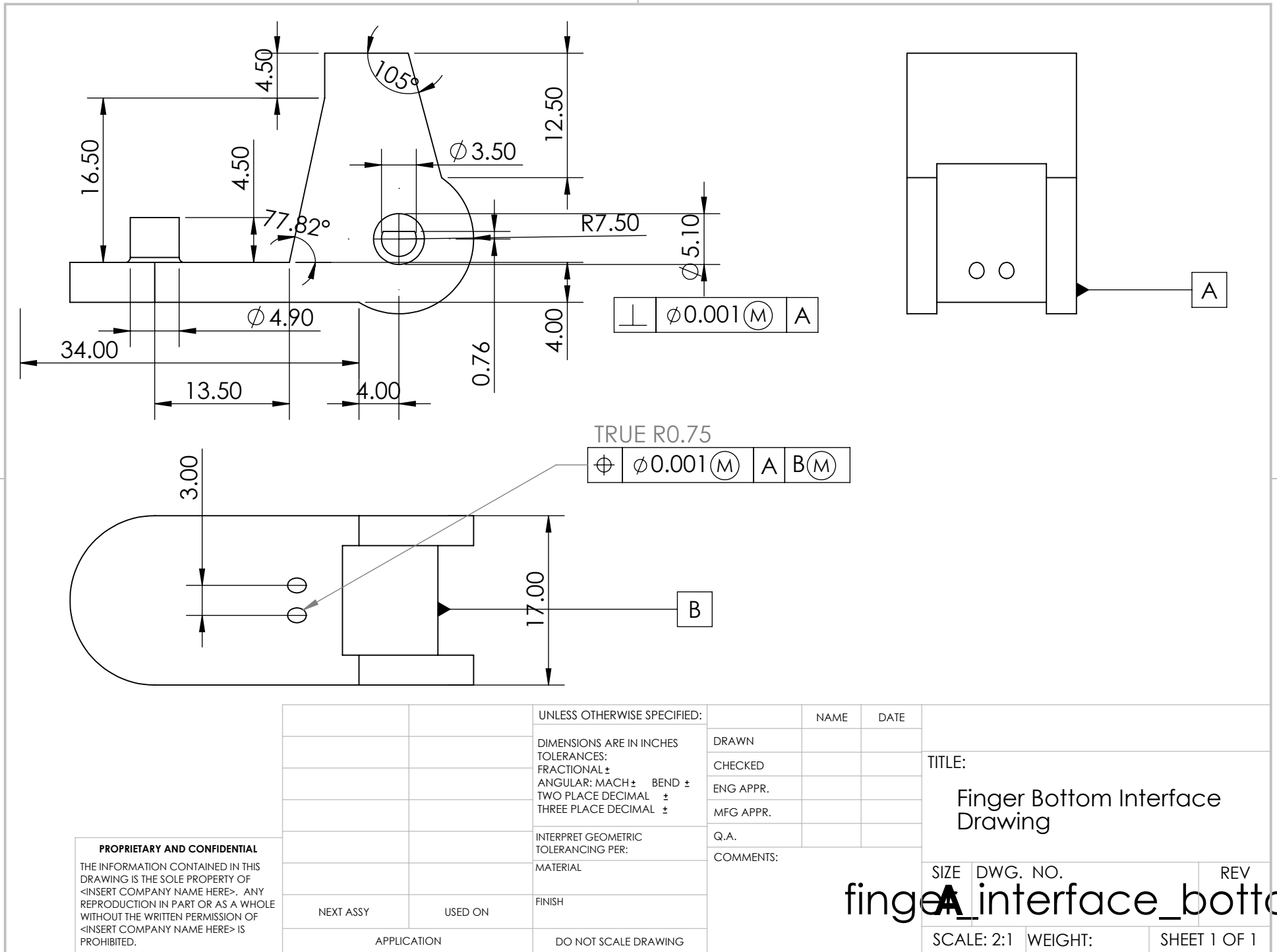




UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		REVISION			
	NAME		SIGNATURE		DATE				TITLE: <div>Palm</div>			
DRAWN	Markus		MS		4/27/25							
CHK'D												
APPV'D												
MFG												
Q.A												
							MATERIAL: PLA		DWG NO. palm		A3	
							WEIGHT:		SCALE:1:1		SHEET 1 OF 1	

B

A



B

A

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

NEXT ASSY

USED ON

APPLICATION

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL \pm
ANGULAR: MACH \pm BEND \pm
TWO PLACE DECIMAL \pm
THREE PLACE DECIMAL \pm

INTERPRET GEOMETRIC
TOLERANCING PER:

MATERIAL

FINISH

DO NOT SCALE DRAWING

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:

NAME

DATE

TITLE:

Finger Bottom Interface
Drawing

SIZE

DWG. NO.

REV

SCALE: 2:1

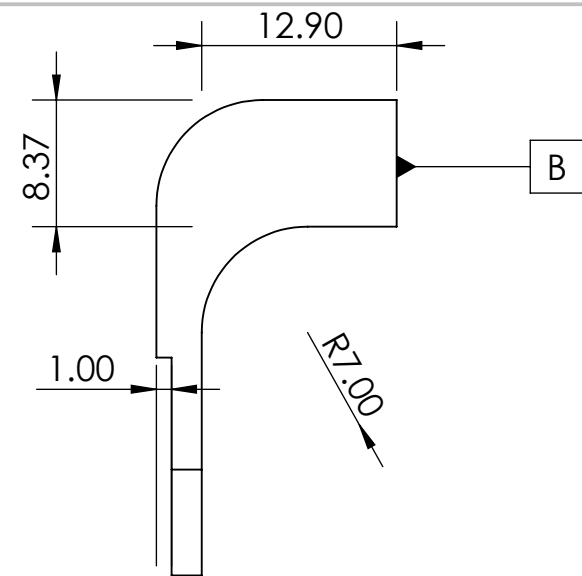
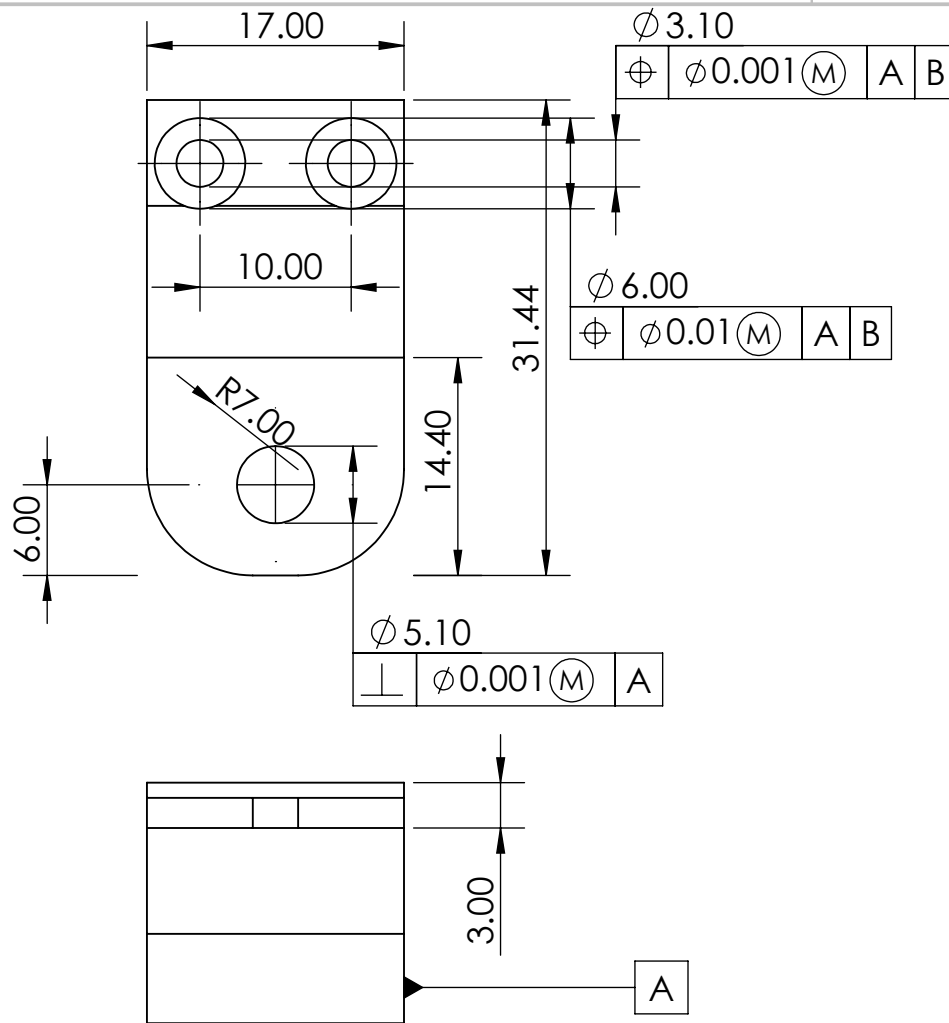
WEIGHT:

SHEET 1 OF 1

finger_bottom_interface_bottom

B

A



B

A

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

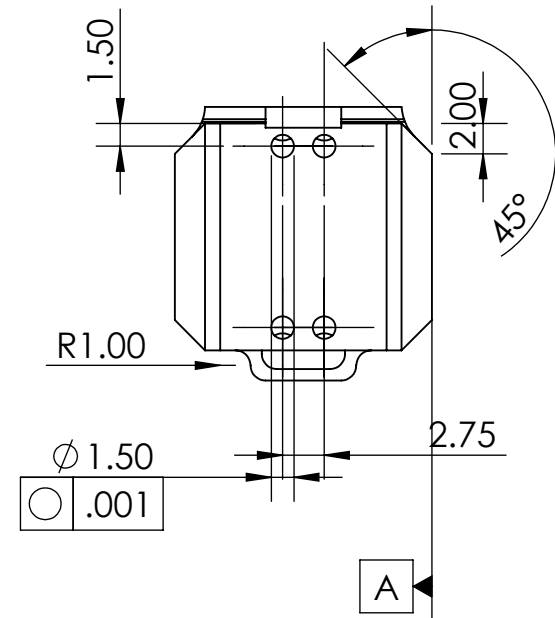
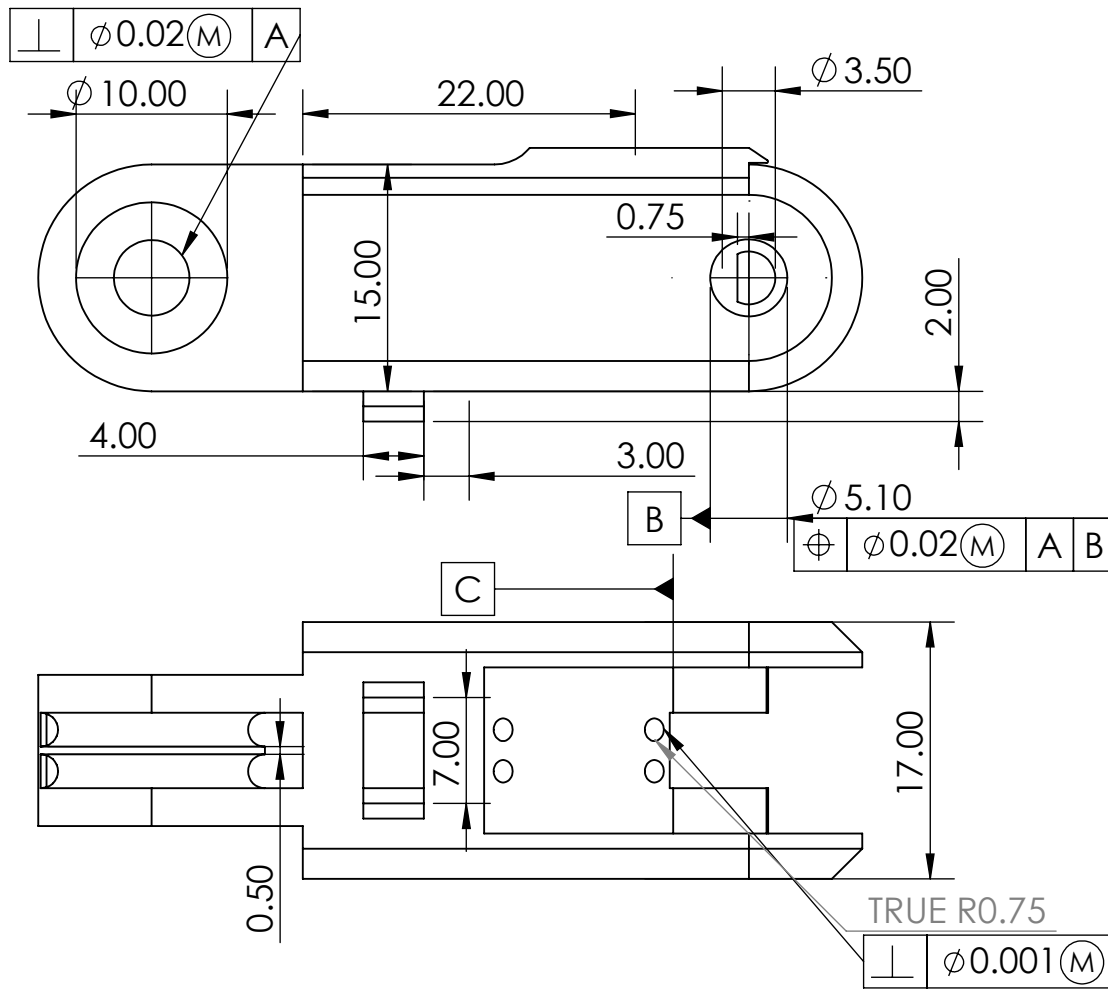
		UNLESS OTHERWISE SPECIFIED:
		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL ±
		ANGULAR: MACH ± BEND ±
		TWO PLACE DECIMAL ±
		THREE PLACE DECIMAL ±
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

TITLE:		
Finger Top Interface Drawing		
SIZE	DWG. NO.	REV
SCALE: 2:1	WEIGHT:	SHEET 1 OF 1

B

B



A

A

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

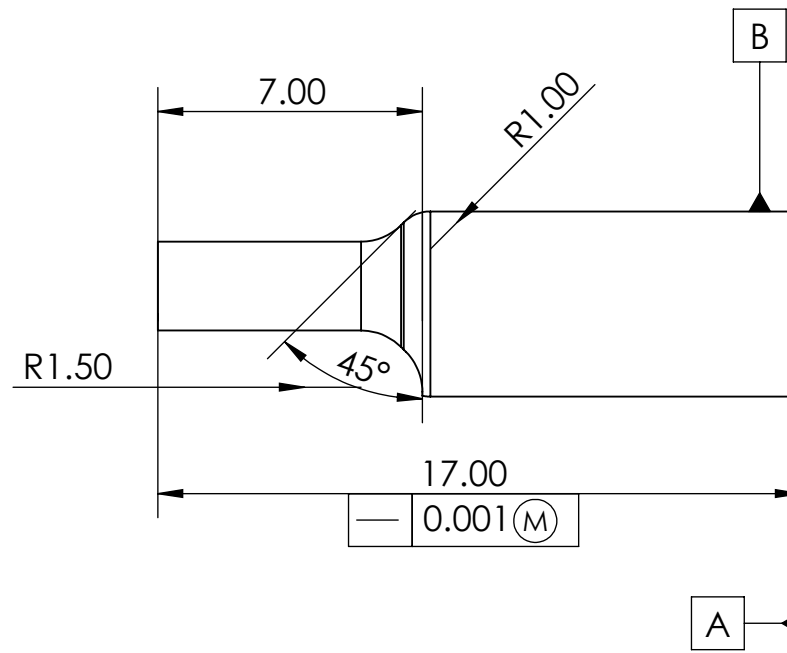
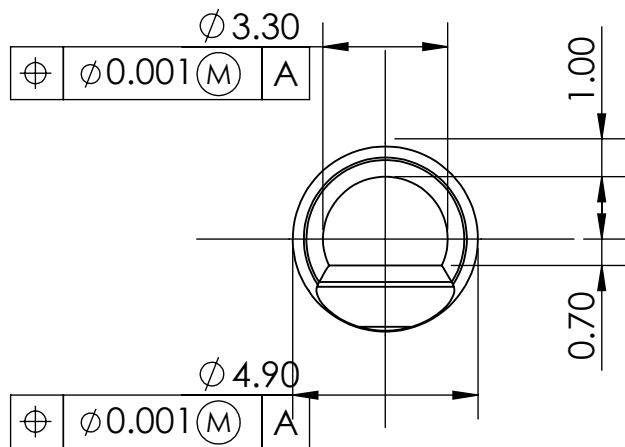
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:	
		DIMENSIONS ARE IN INCHES		DRAWN			
		TOLERANCES:		CHECKED			
		FRACTIONAL \pm		ENG APPR.			
		ANGULAR: MACH \pm BEND \pm		MFG APPR.			
		TWO PLACE DECIMAL \pm		Q.A.		SIZE DWG. NO. REV A fingerBase	
		THREE PLACE DECIMAL \pm		COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL				SCALE: 2:1	WEIGHT:
		FINISH				SHEET 1 OF 1	
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING				

2

1

B

B



A

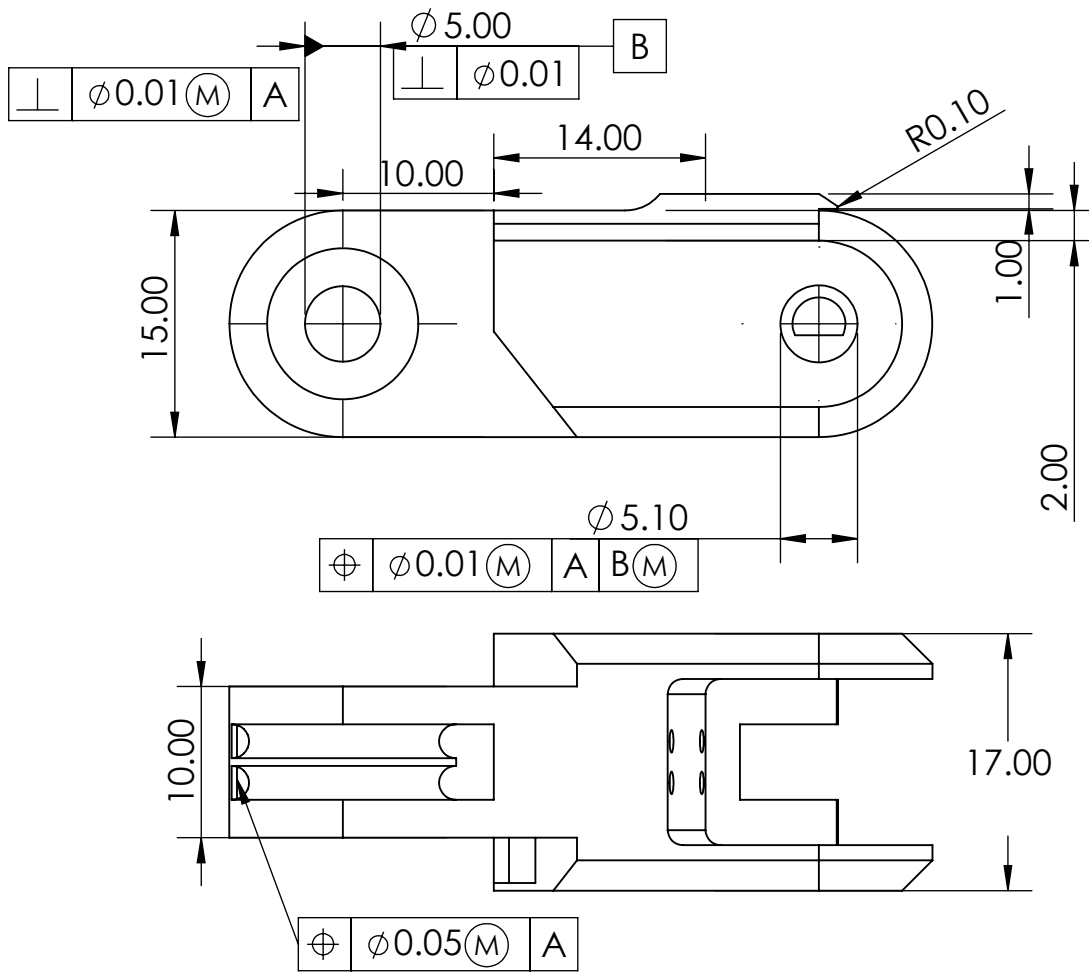
A

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

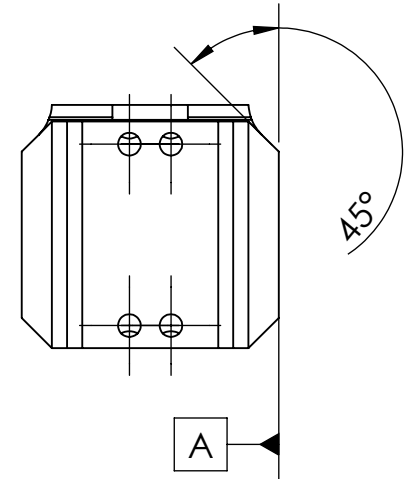
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:		
		DIMENSIONS ARE IN INCHES	DRAWN					
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	COMMENTS:			SIZE DWG. NO. REV A pin_2		
		THREE PLACE DECIMAL ±						
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL						
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING						

B

A



1



B

A

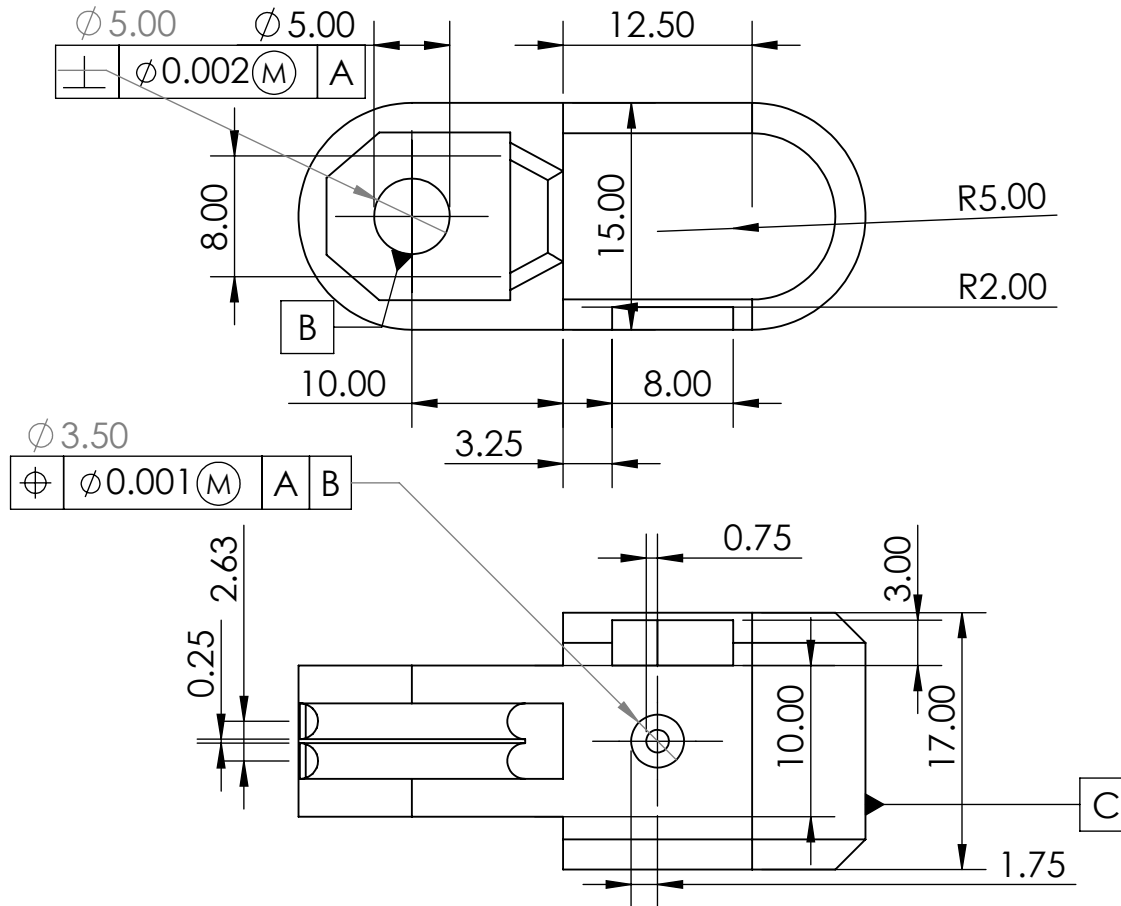
PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:		
		DIMENSIONS ARE IN INCHES		DRAWN				
		TOLERANCES:		CHECKED				
		FRACTIONAL \pm		ENG APPR.				
		ANGULAR: MACH \pm BEND \pm		MFG APPR.				
		TWO PLACE DECIMAL \pm		Q.A.		SIZE DWG. NO. REV AngMidsection		
		THREE PLACE DECIMAL \pm		COMMENTS:				
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL				SCALE: 2:1	WEIGHT:	SHEET 1 OF 1
		FINISH						
	NEXT ASSY	USED ON						
	APPLICATION							
		DO NOT SCALE DRAWING						

B

A



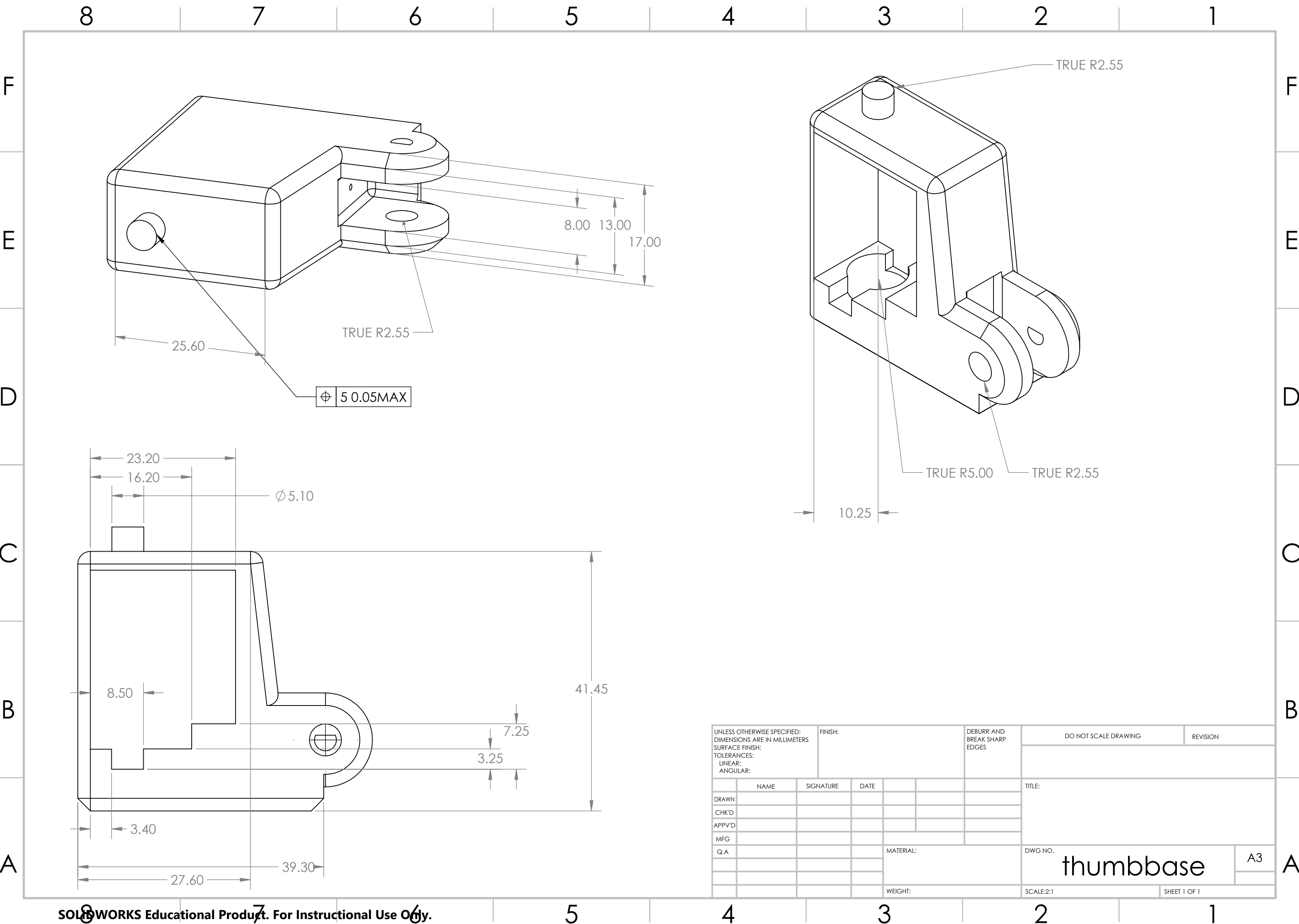
B

A

PROPRIETARY AND CONFIDENTIAL

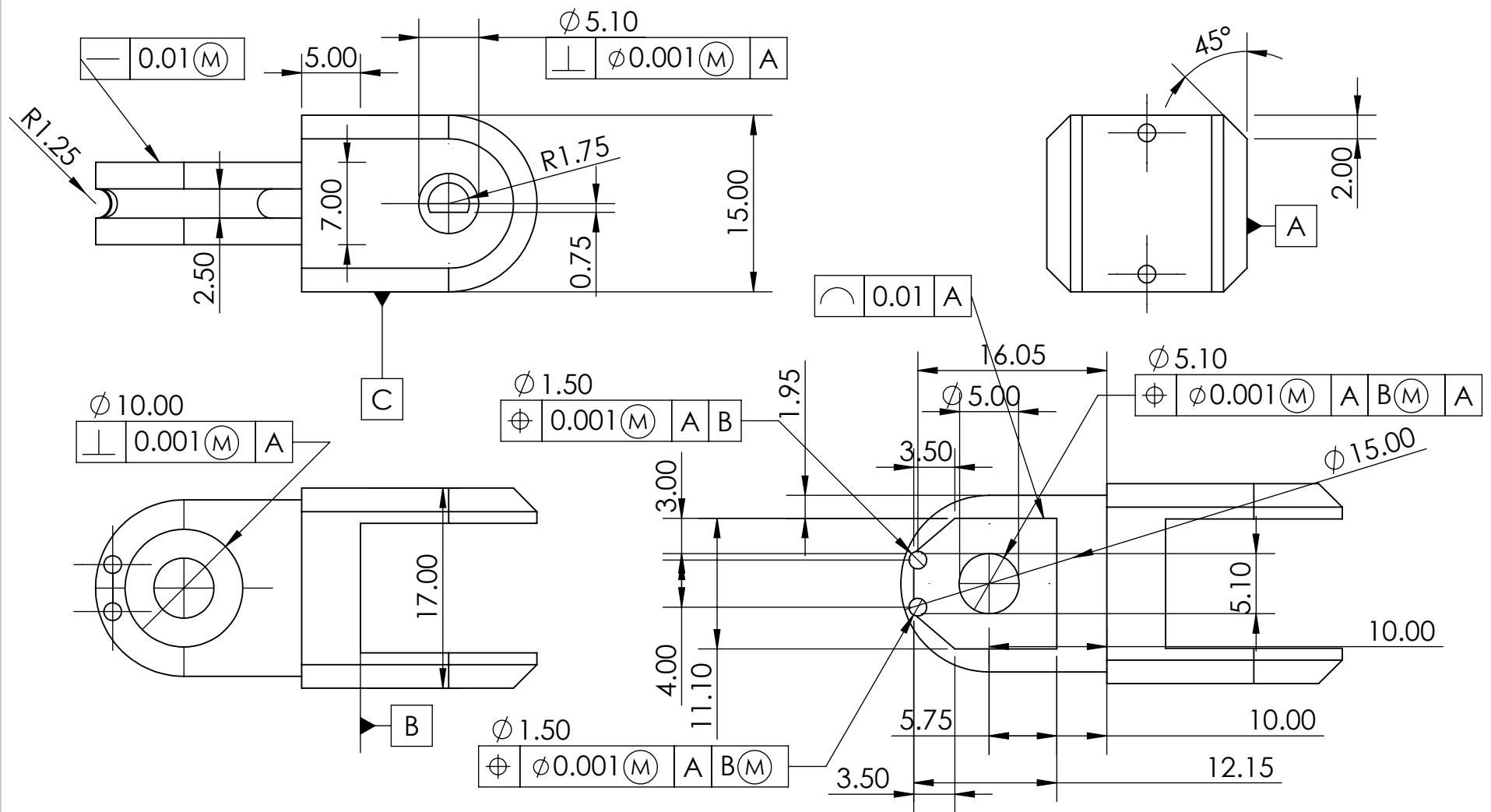
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:	
		DIMENSIONS ARE IN INCHES		DRAWN			
		TOLERANCES:		CHECKED			
		FRACTIONAL \pm		ENG APPR.			
		ANGULAR: MACH \pm BEND \pm		MFG APPR.			
		TWO PLACE DECIMAL \pm		Q.A.		SIZE DWG. NO. REV	
		THREE PLACE DECIMAL \pm		COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:				fingerTip	
		MATERIAL					
		FINISH				SCALE: 2:1 WEIGHT: SHEET 1 OF 1	
		DO NOT SCALE DRAWING					
NEXT ASSY		USED ON					
APPLICATION							



B

B



A

A

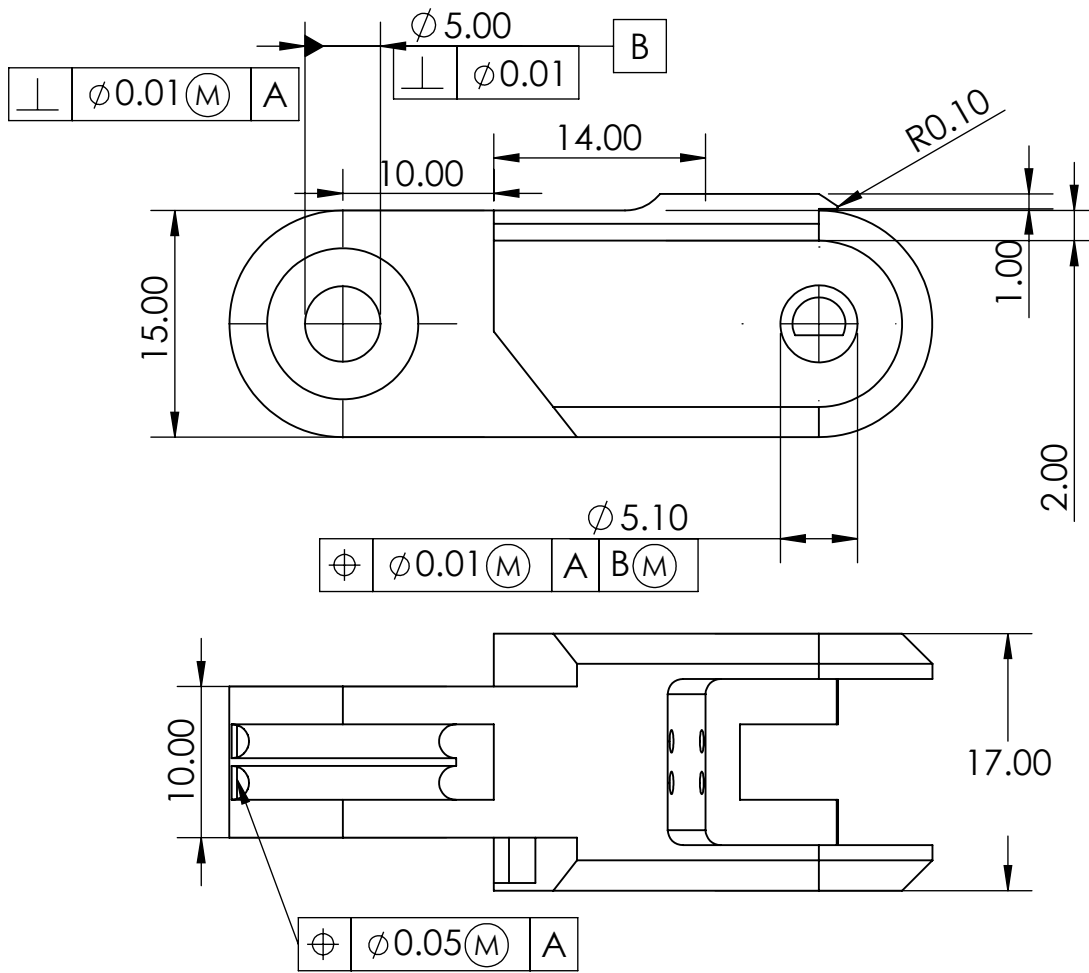
PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	
TOLERANCES:		CHECKED	
FRACTIONAL \pm		ENG APPR.	
ANGULAR: MACH \pm BEND \pm		MFG APPR.	
TWO PLACE DECIMAL \pm		Q.A.	
THREE PLACE DECIMAL \pm		COMMENTS:	
INTERPRET GEOMETRIC TOLERANCING PER:			
MATERIAL			
FINISH			
NEXT ASSY	USED ON		
APPLICATION			
DO NOT SCALE DRAWING			

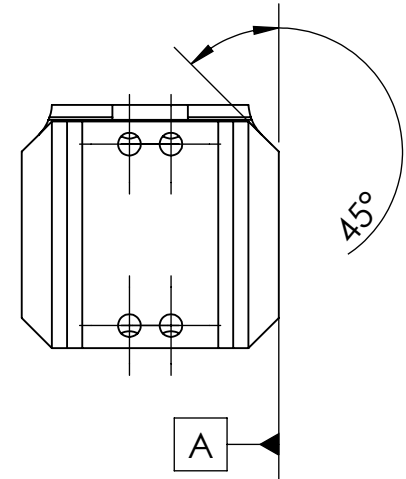
TITLE:		
Finger Splay Part Drawing		
SIZE	DWG. NO.	REV
A	fingsplay	
SCALE: 2:1	WEIGHT:	SHEET 1 OF 1

B

A



1



B

A

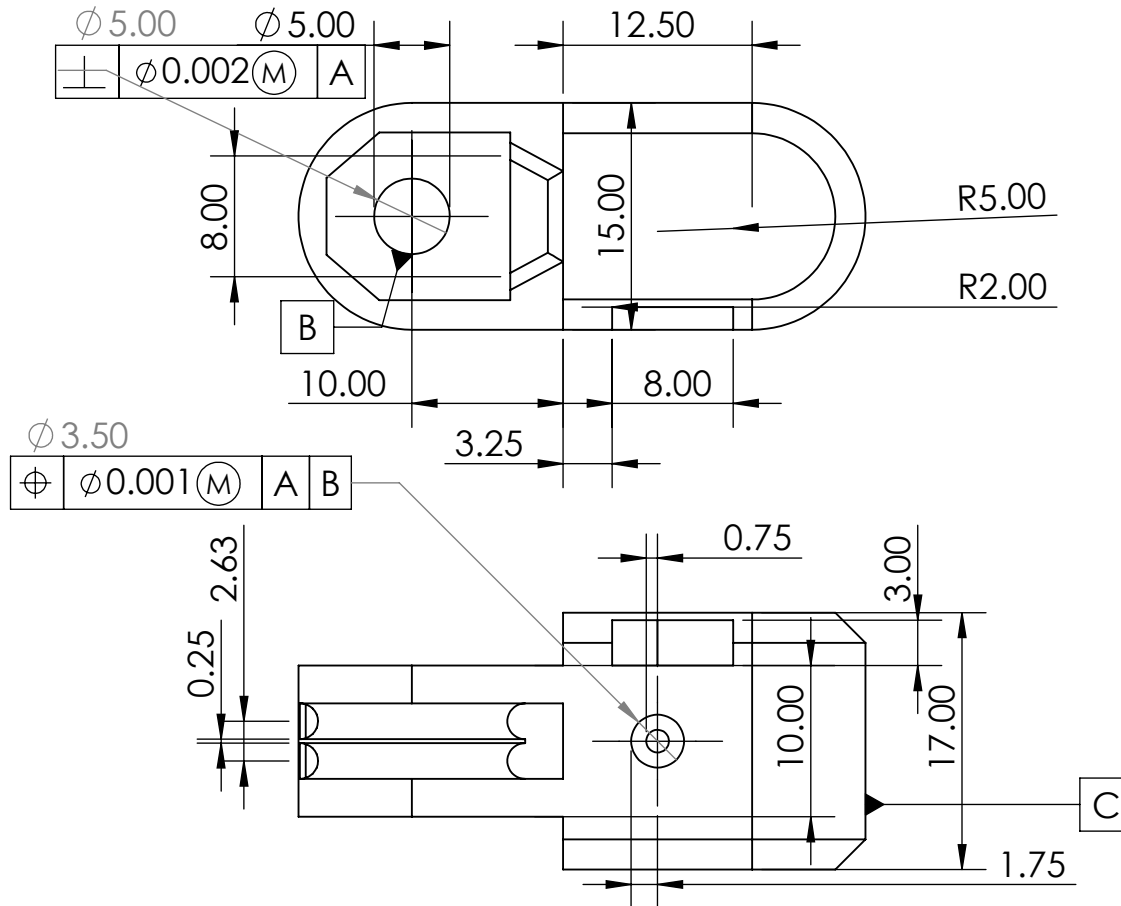
PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:		
		DIMENSIONS ARE IN INCHES		DRAWN				
		TOLERANCES:		CHECKED				
		FRACTIONAL \pm		ENG APPR.				
		ANGULAR: MACH \pm BEND \pm		MFG APPR.				
		TWO PLACE DECIMAL \pm		Q.A.		SIZE DWG. NO. REV AngMidsection		
		THREE PLACE DECIMAL \pm		COMMENTS:				
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL				SCALE: 2:1	WEIGHT:	SHEET 1 OF 1
		FINISH						
NEXT ASSY	USED ON	DO NOT SCALE DRAWING						
APPLICATION								

B

A



B

A

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:	
		DIMENSIONS ARE IN INCHES		DRAWN			
		TOLERANCES:		CHECKED			
		FRACTIONAL \pm		ENG APPR.			
		ANGULAR: MACH \pm BEND \pm		MFG APPR.			
		TWO PLACE DECIMAL \pm		Q.A.		SIZE DWG. NO. REV	
		THREE PLACE DECIMAL \pm		COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:				fingerTip	
		MATERIAL					
		FINISH				SCALE: 2:1 WEIGHT: SHEET 1 OF 1	
		DO NOT SCALE DRAWING					
NEXT ASSY		USED ON					
APPLICATION							