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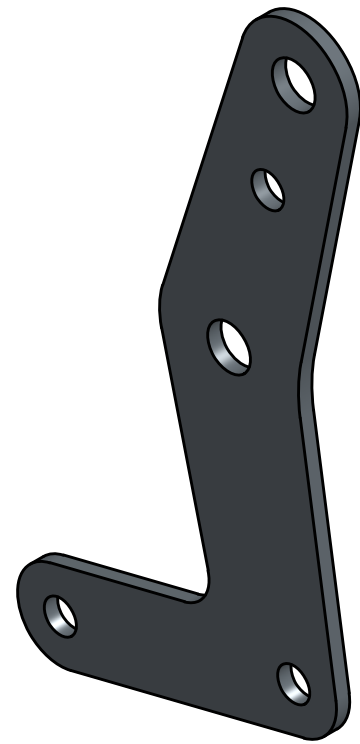
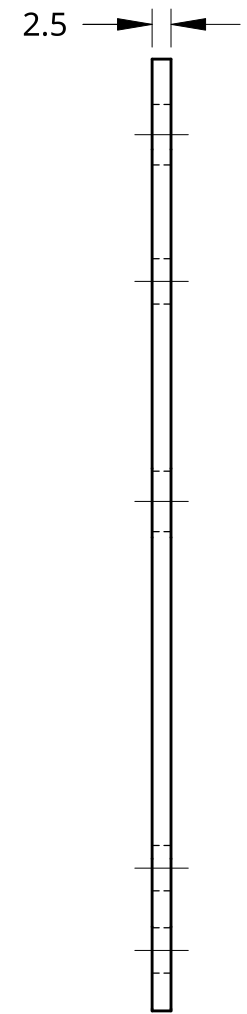
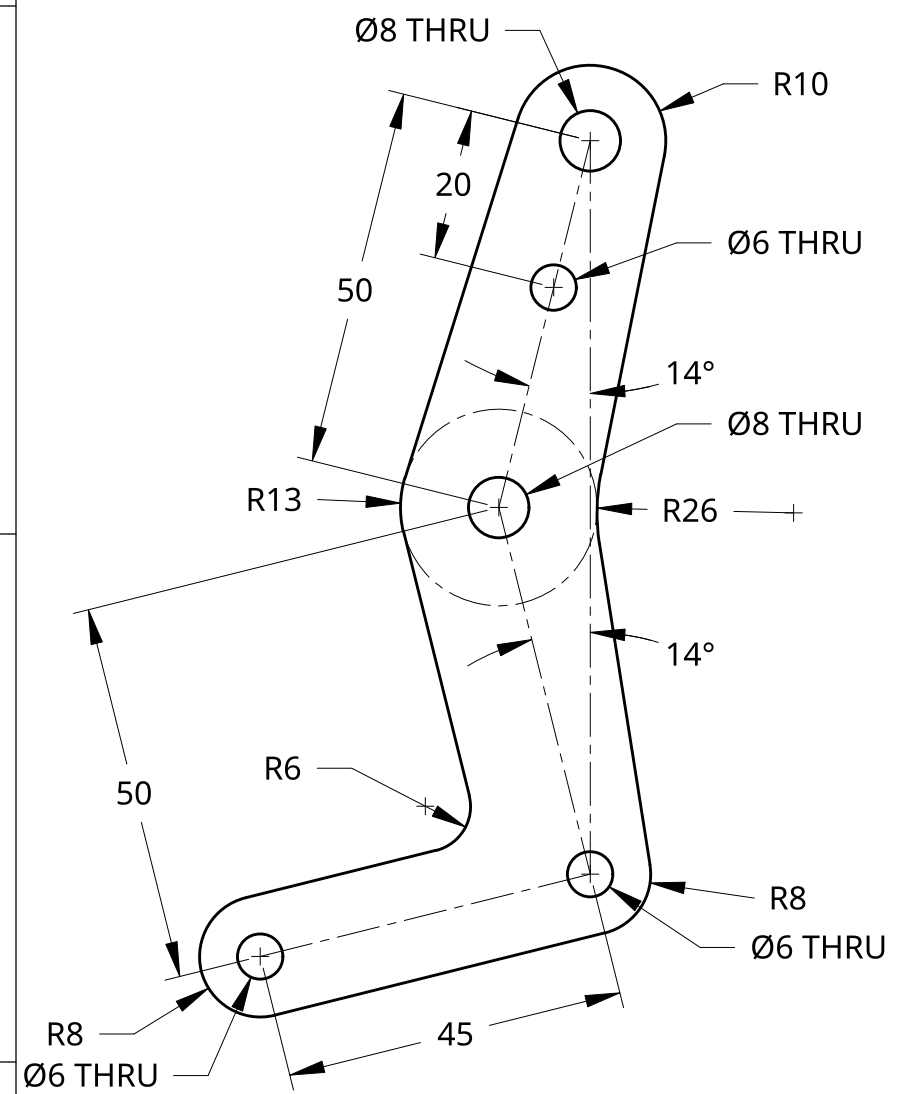
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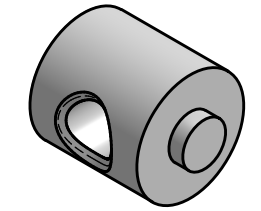
PART 1: CLAMP BASE

MATERIAL: STEEL
SCALE: 1:1

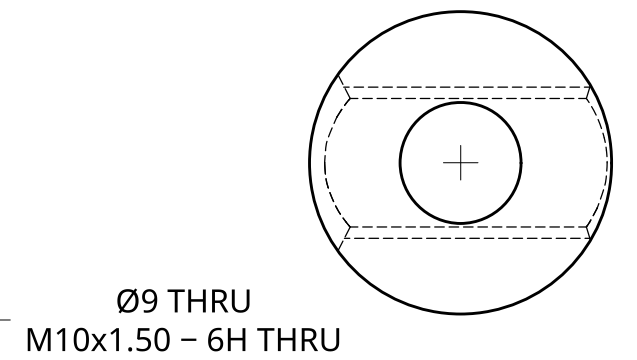
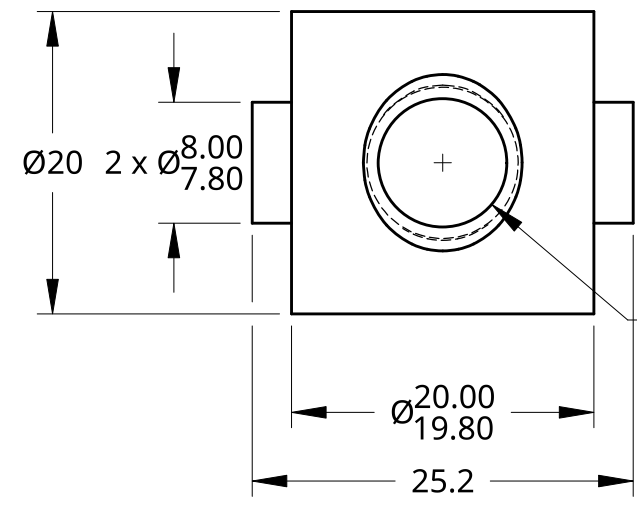


PART 2: CLAMP BASE SPACER

MATERIAL: STEEL
SCALE: 2:1

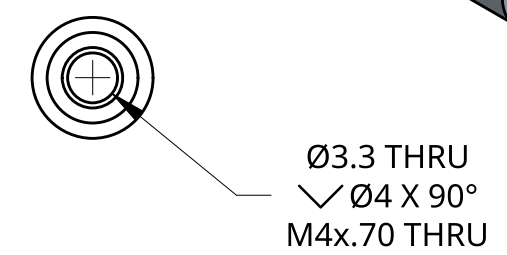
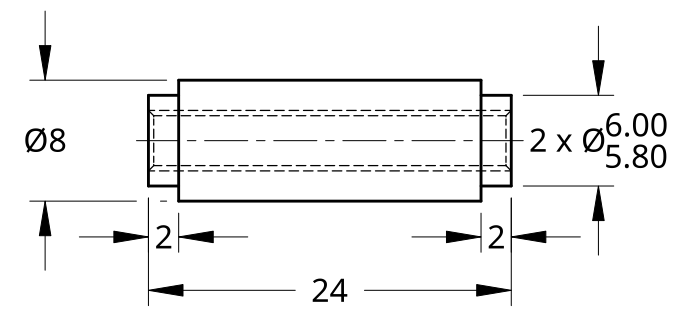
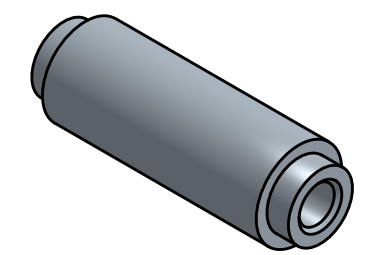


SCALE 1:1



PART 3: CLAMP BASE SUPPORT

MATERIAL: STEEL
SCALE: 2:1



UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES
.XX = ±.0-
.XXX = ±.00-
.XXXX = ±.000-
SURFACE FINISH

DO NOT SCALE DRAWING
BREAK ALL SHARP EDGES AND
REMOVE BURRS
THIRD ANGLE PROJECTION

	NAME	DATE
DRAWN	BRODY DAI	01/08/2026
CHECKED		
APPROVED		
MATERIAL	FINISH	

MANUAL CLAMP			
SIZE	DWG NO.	REV.	
B			
SCALE	WEIGHT	SHEET	
1:1		1 of 6	

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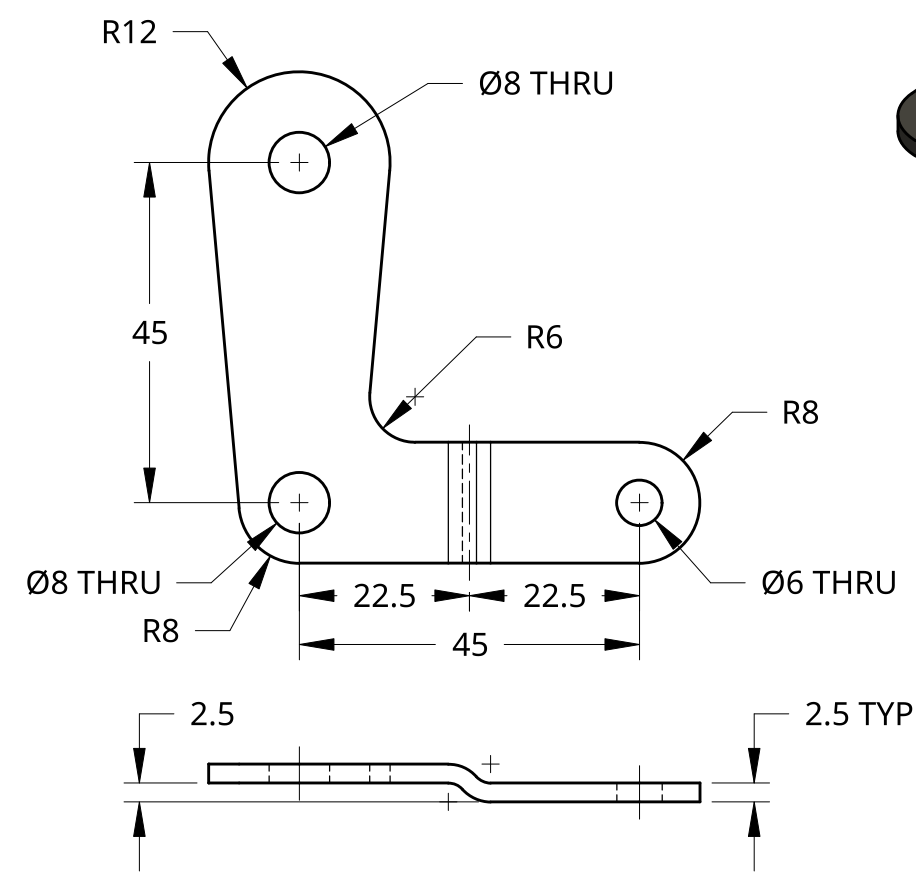
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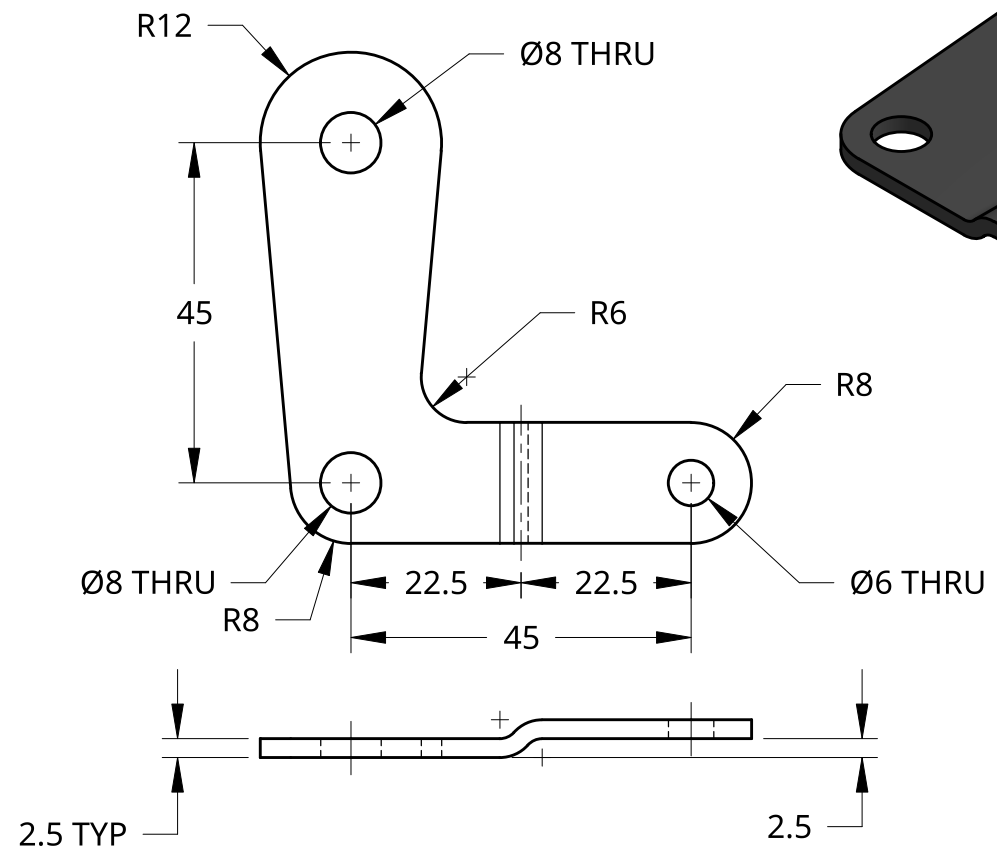
PART 4: CLAMP ELBOW LEFT

MATERIAL: STEEL
SCALE: 1:1



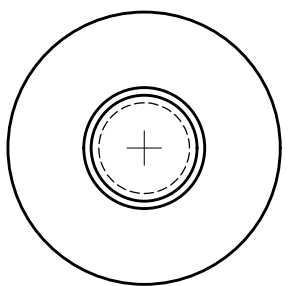
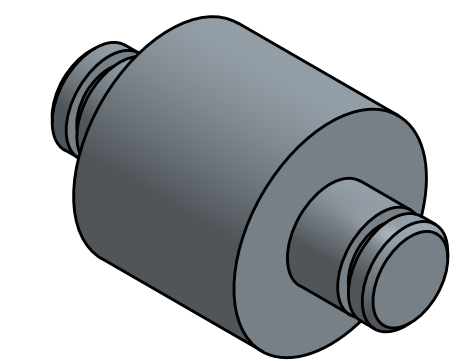
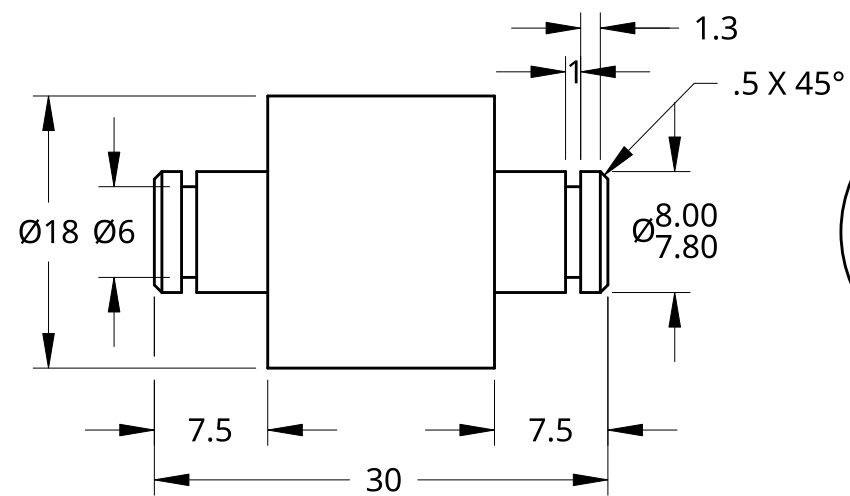
PART 5: CLAMP ELBOW RIGHT

MATERIAL: STEEL
SCALE: 1:1



PART 6: CLAMP HINGE

MATERIAL: STEEL
SCALE: 2:1



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
 .XX = ±.0-
 .XXX = ±.00-
 .XXXX = ±.000-
 SURFACE FINISH ✓
 DO NOT SCALE DRAWING
 BREAK ALL SHARP EDGES AND REMOVE BURRS
 THIRD ANGLE PROJECTION

	NAME	DATE
DRAWN	BRODY DAI	01/08/2026
CHECKED		
APPROVED		
	MATERIAL	FINISH

TITLE			
MANUAL CLAMP			
SIZE	DWG NO.	REV.	
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SCALE	WEIGHT	SHEET	
1:1		2 of 6	

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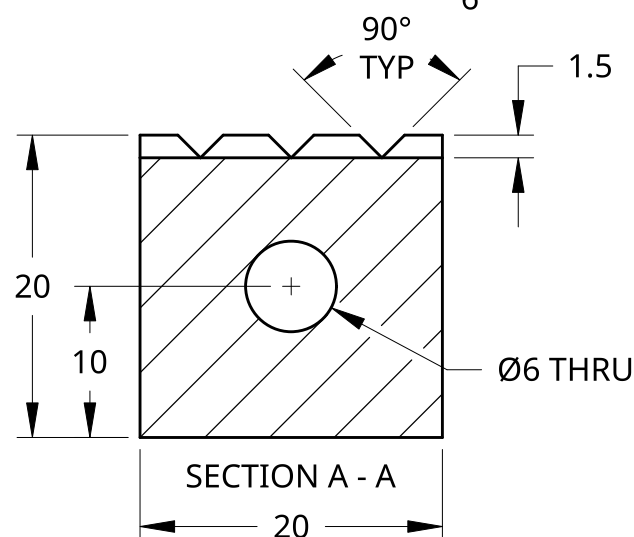
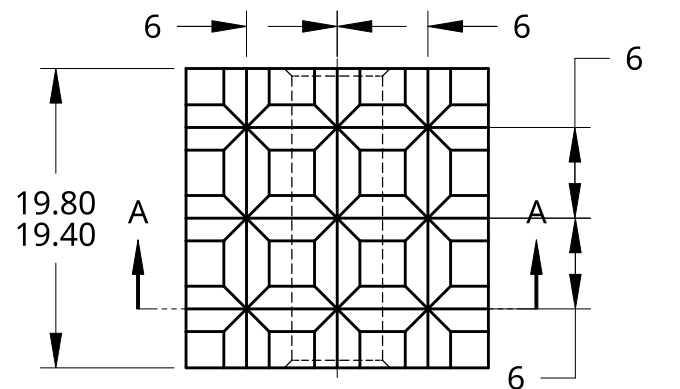
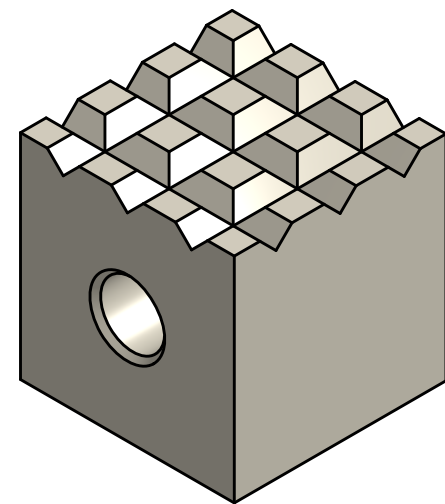
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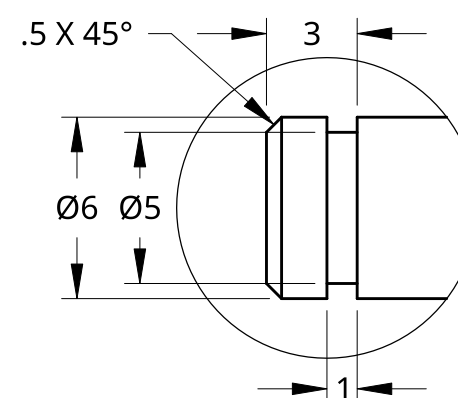
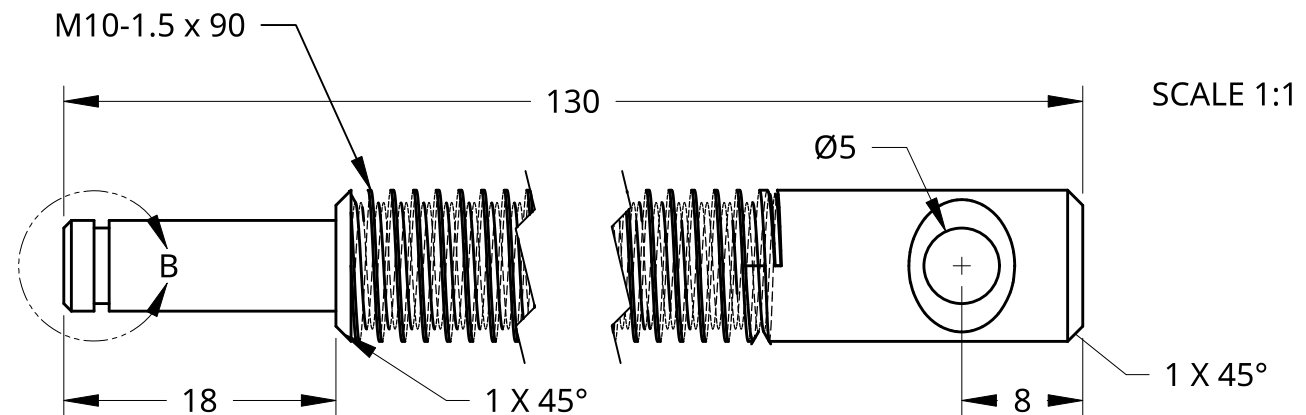
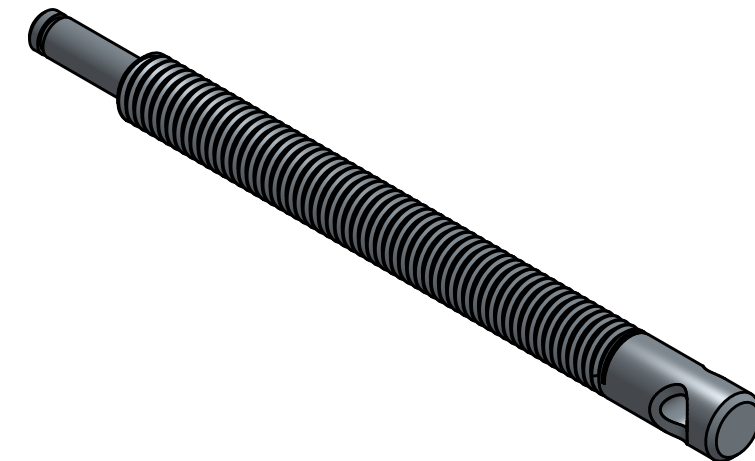
PART 7: CLAMP FOOT

MATERIAL: STEEL
SCALE: 2:1



PART 8: CLAMP ROD

MATERIAL: STAINLESS STEEL
SCALE: 2:1



DETAIL B
SCALE 4:1

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.0- .XXX = ±.00- .XXXX = ±.000- SURFACE FINISH	NAME	DATE			
	DRAWN	BRODY DAI			01/08/2026
	CHECKED			TITLE MANUAL CLAMP	
	APPROVED				
	DO NOT SCALE DRAWING BREAK ALL SHARP EDGES AND REMOVE BURRS THIRD ANGLE PROJECTION 	MATERIAL	FINISH	SIZE B	DWG NO.
			SCALE 2:1	WEIGHT 	SHEET 3 of 6



MANUAL CLAMP

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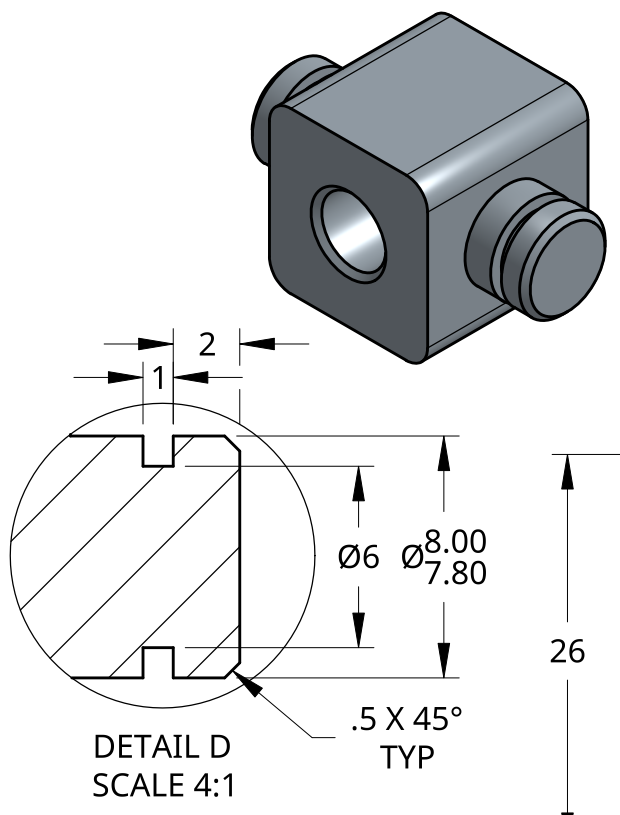
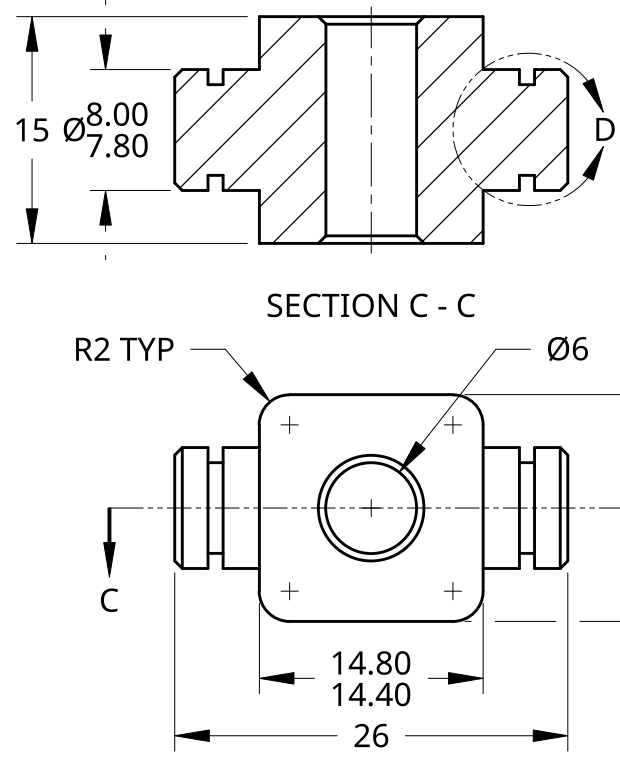
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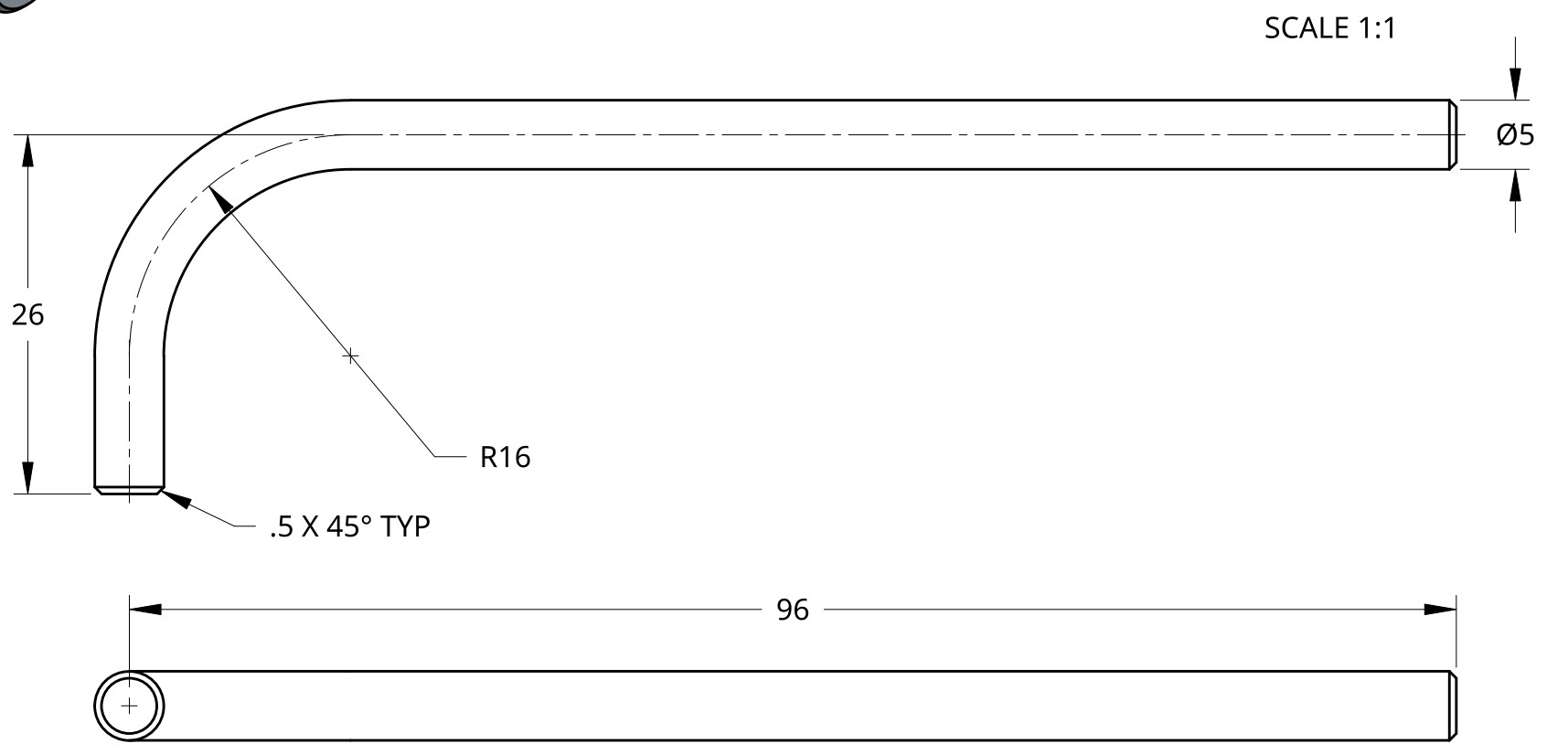
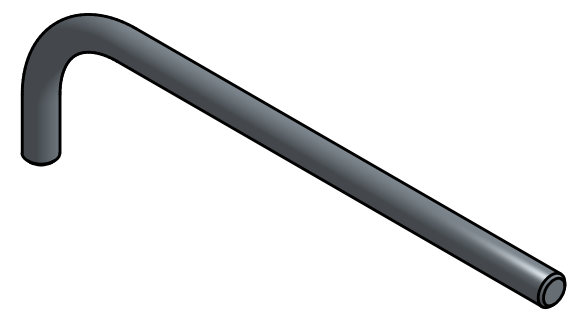
PART 9: CLAMP TEE

MATERIAL: STEEL
SCALE: 2:1



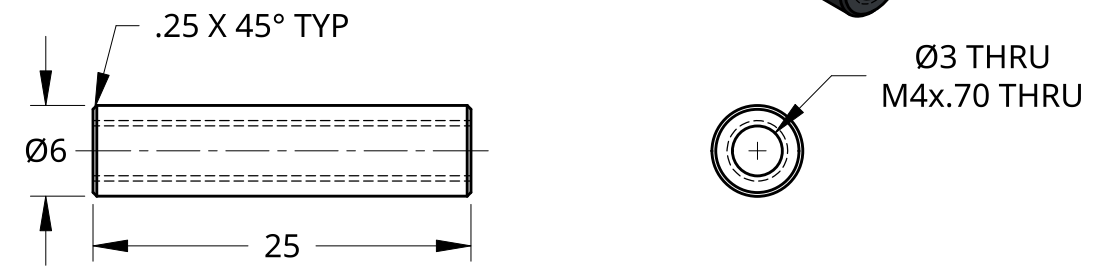
PART 10: CLAMP LEVER

MATERIAL: STAINLESS STEEL
SCALE: 1:1



PART 11: CLAMP FOOT PIN

MATERIAL: ACETAL (DELIN)
SCALE: 2:1



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.0- .XXX = ±.00- .XXXX = ±.000- ANGULAR = ± ° FRACTIONAL = ±		NAME	DATE	QR CODE		
SURFACE FINISH		DRAWN	BRODY DAI			
DO NOT SCALE DRAWING		CHECKED			TITLE MANUAL CLAMP	
BREAK ALL SHARP EDGES AND REMOVE BURRS		APPROVED			SIZE B	DWG NO.
THIRD ANGLE PROJECTION		MATERIAL	FINISH		SCALE 2:1	WEIGHT
					SHEET 4 of 6	REV.

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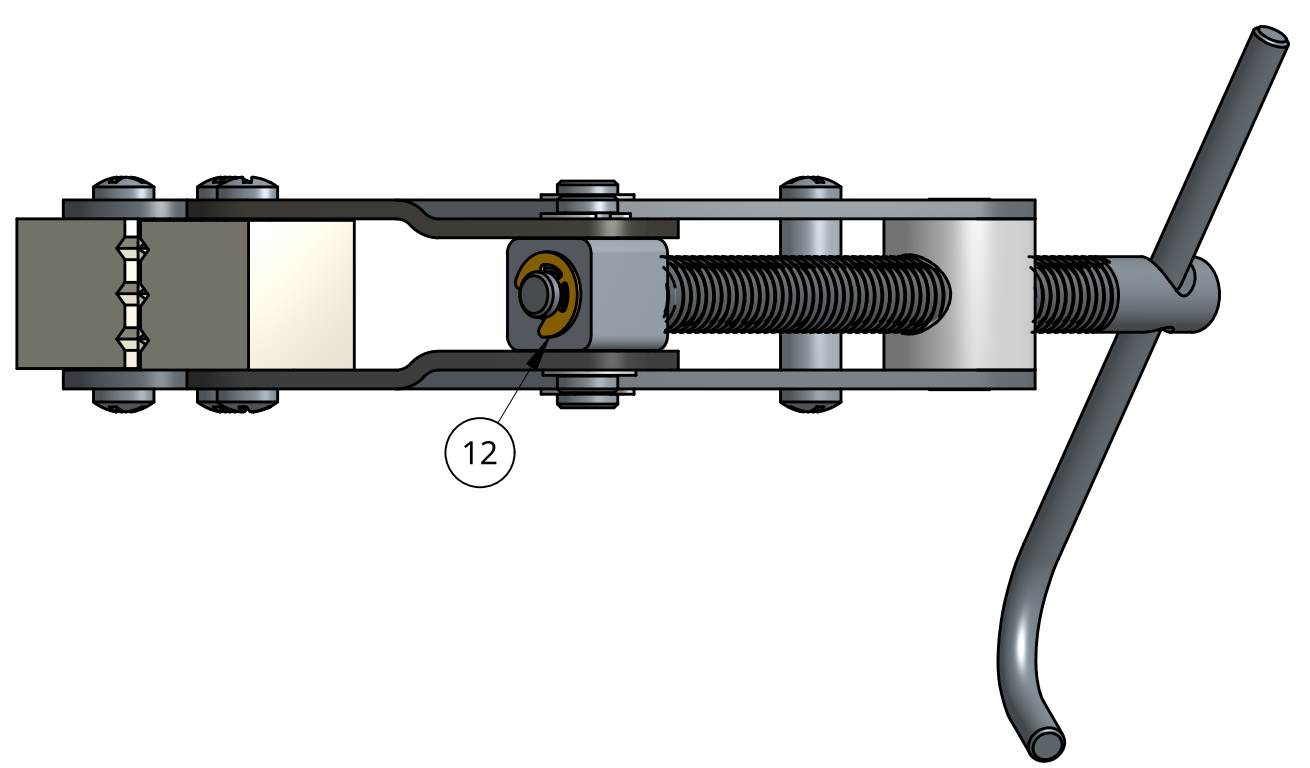
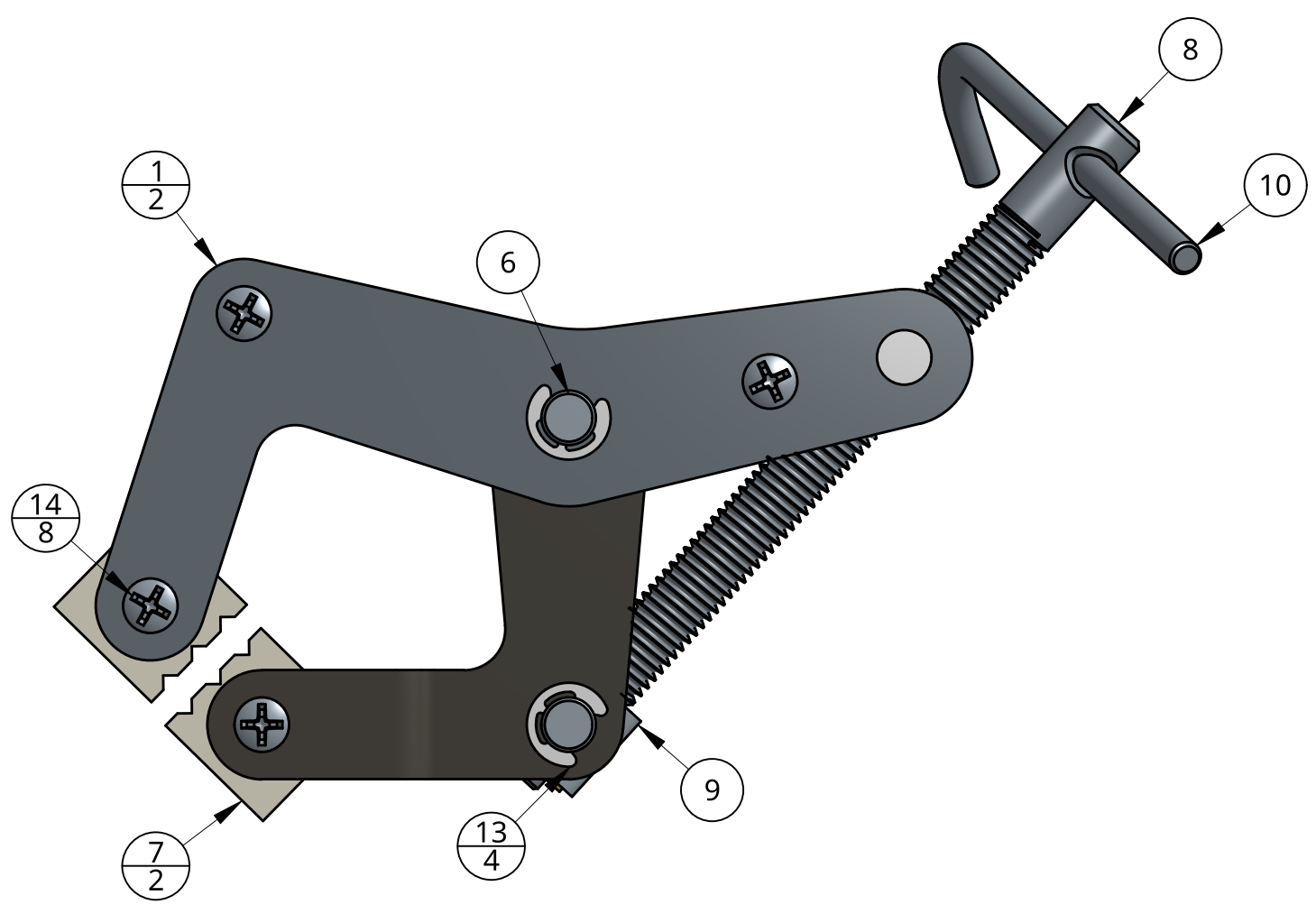
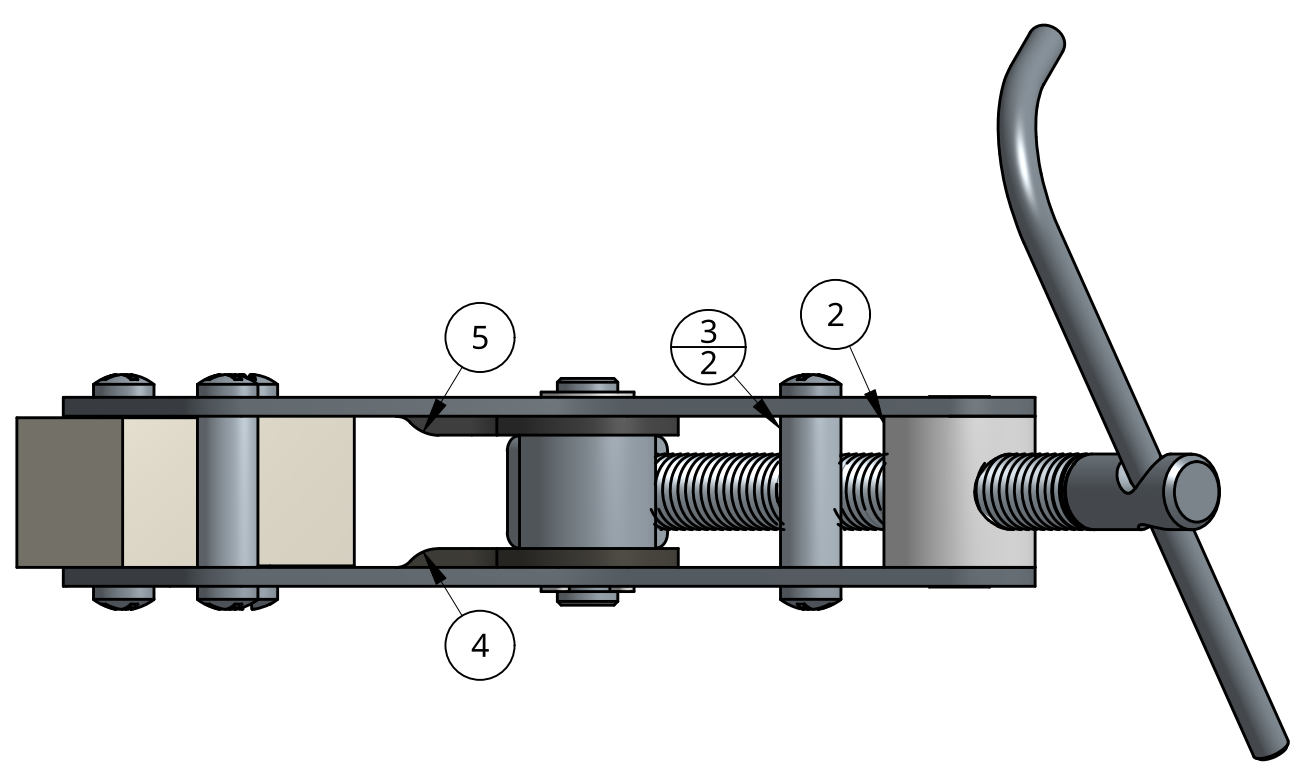
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Item	Quantity	Name	Material
1	2	Clamp Base	Steel
2	1	Clamp Base Spacer	Steel
3	2	Clamp Base Support	Steel
4	1	Clamp Elbow Left	Steel
5	1	Clamp Elbow Right	Steel
6	1	Clamp Hinge	Steel
7	2	Clamp Foot	Steel
8	1	Clamp Rod	Stainless Steel
9	1	Clamp Tee	Steel
10	1	Clamp Lever	Stainless Steel
11	2	Clamp Foot Pin	Acetal (Delrin)
12	1	Conical spring lock washer M5	Steel
13	4	Conical spring lock washer M6	Steel
14	8	PH Pan head screw M4x0.70 x 10	Stainless Steel

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
 .XX = ±.0-
 .XXX = ±.00-
 .XXXX = ±.000-
 SURFACE FINISH $\sqrt{\quad}$

DO NOT SCALE DRAWING
 BREAK ALL SHARP EDGES AND REMOVE BURRS

THIRD ANGLE PROJECTION

NAME: BRODY DAI
 DATE: 01/08/2026

DRAWN: [Signature]
 CHECKED: [Signature]
 APPROVED: [Signature]

SIZE: C
 DWG NO.: [Blank]
 SCALE: 1:1

TITLE: MANUAL CLAMP

REV. [Blank]

WEIGHT [Blank]
 SHEET: 5 of 6

SWWC
 COLLEGE & TECHNICAL EDUCATION
 CHELSEA DISTRICT - LINCOLN - MANCHESTER - MILWAUKEE

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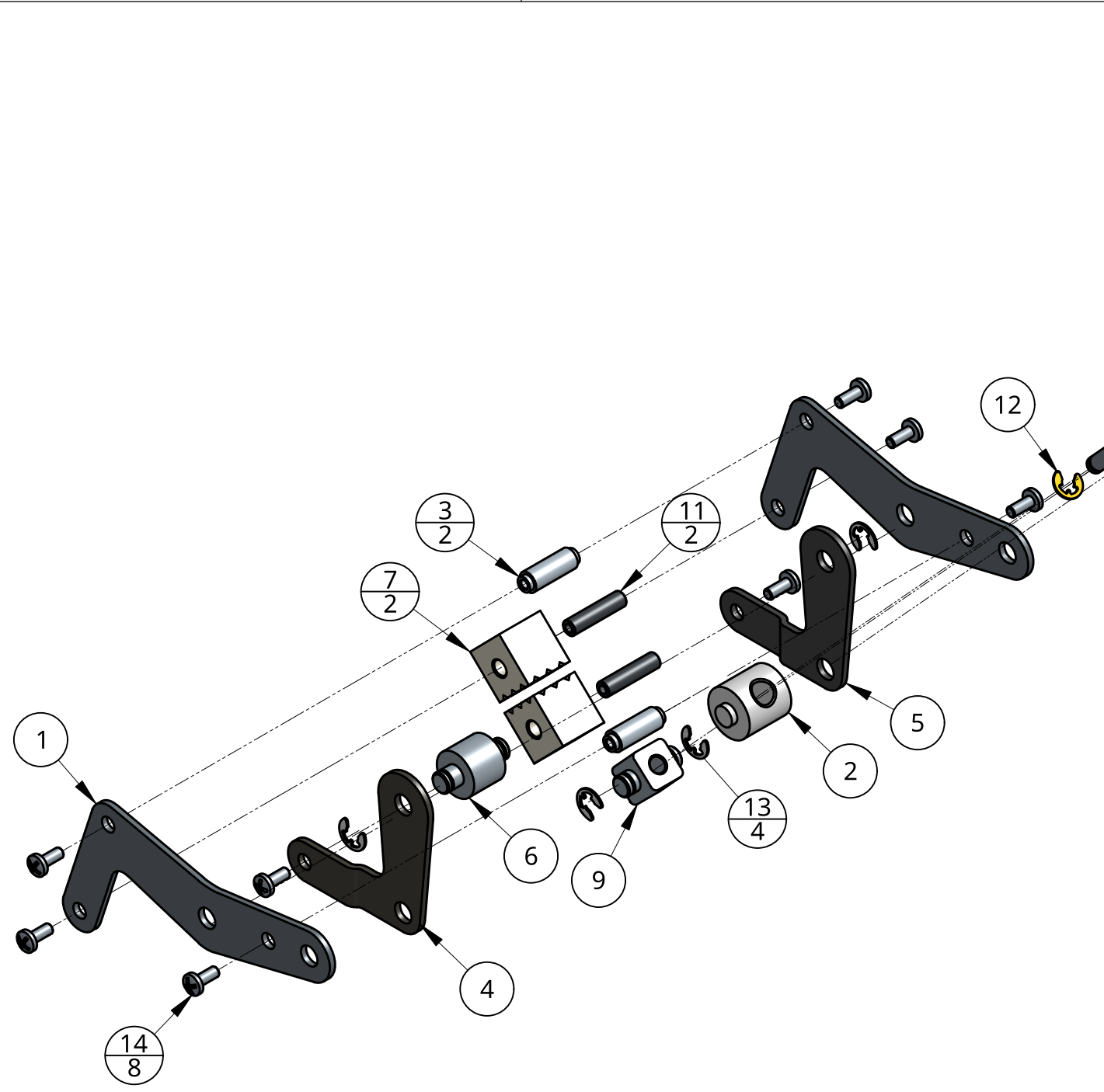
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Item	Quantity	Name	Material
1	2	Clamp Base	Steel
2	1	Clamp Base Spacer	Steel
3	2	Clamp Base Support	Steel
4	1	Clamp Elbow Left	Steel
5	1	Clamp Elbow Right	Steel
6	1	Clamp Hinge	Steel
7	2	Clamp Foot	Steel
8	1	Clamp Rod	Stainless Steel
9	1	Clamp Tee	Steel
10	1	Clamp Lever	Stainless Steel
11	2	Clamp Foot Pin	Acetal (Delrin)
12	1	Conical spring lock washer M5	Steel
13	4	Conical spring lock washer M6	Steel
14	8	PH Pan head screw M4x0.70 x 10	Stainless Steel

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.0- .XXX = ±.00- .XXXX = ±.000- SURFACE FINISH		NAME BRODY DAI	DATE 01/08/2026		
DO NOT SCALE DRAWING BREAK ALL SHARP EDGES AND REMOVE BURRS THIRD ANGLE PROJECTION 		CHECKED			
		APPROVED		SIZE B	DWG NO.
		MATERIAL	FINISH	SCALE 1:2	WEIGHT
				SHEET 6 of 6	REV.