

4

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C

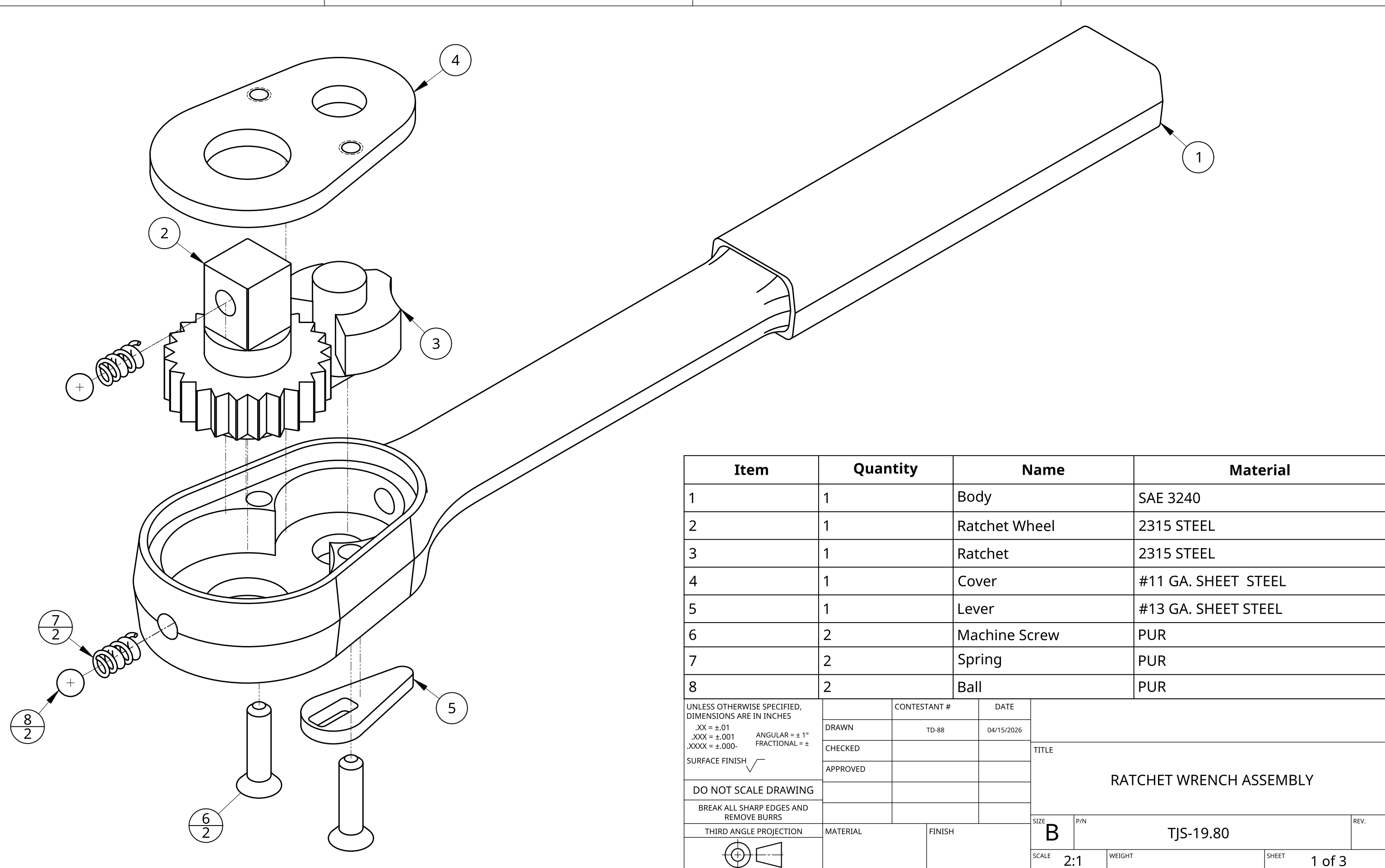
C

B

B

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Item	Quantity	Name	Material
1	1	Body	SAE 3240
2	1	Ratchet Wheel	2315 STEEL
3	1	Ratchet	2315 STEEL
4	1	Cover	#11 GA. SHEET STEEL
5	1	Lever	#13 GA. SHEET STEEL
6	2	Machine Screw	PUR
7	2	Spring	PUR
8	2	Ball	PUR

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
 .XX = ±.01 ANGULAR = ± 1°
 .XXX = ±.001 FRACTIONAL = ±
 .XXXX = ±.000-

SURFACE FINISH

DO NOT SCALE DRAWING

BREAK ALL SHARP EDGES AND REMOVE BURRS

THIRD ANGLE PROJECTION

	CONTESTANT #	DATE	TITLE RATCHET WRENCH ASSEMBLY	
DRAWN	TD-88	04/15/2026		
CHECKED				
APPROVED				
MATERIAL	FINISH	SIZE B	P/N	TJS-19.80
		SCALE 2:1	WEIGHT	SHEET 1 of 3

4

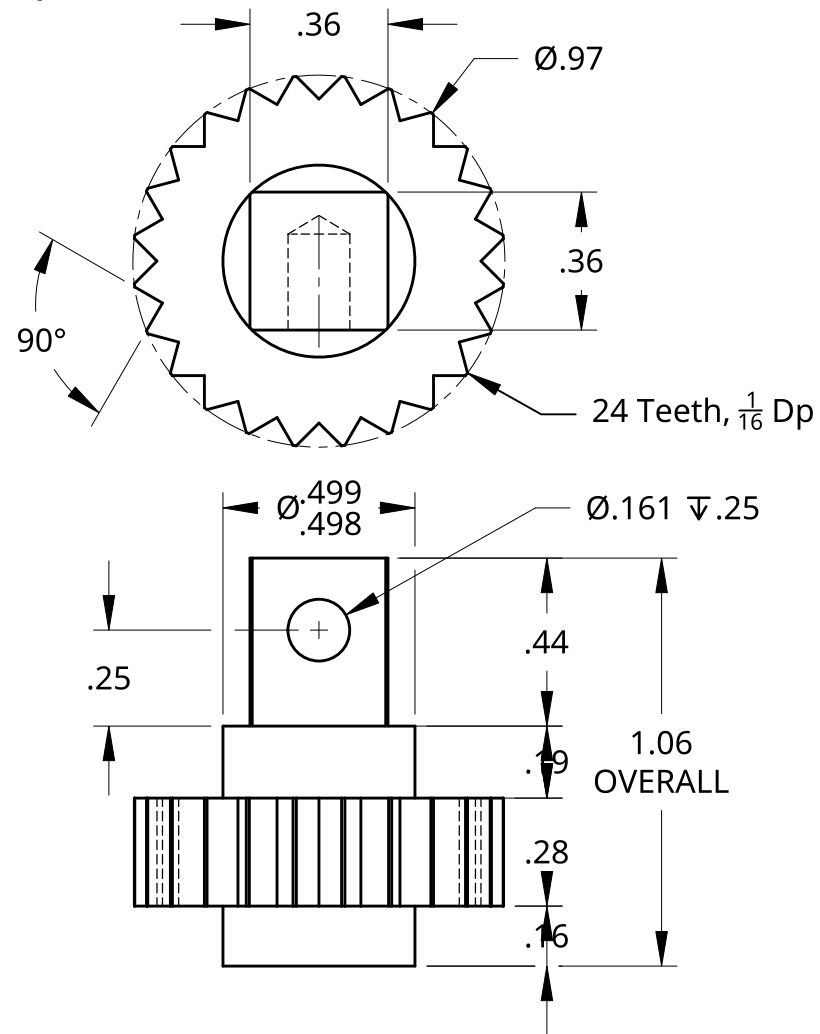
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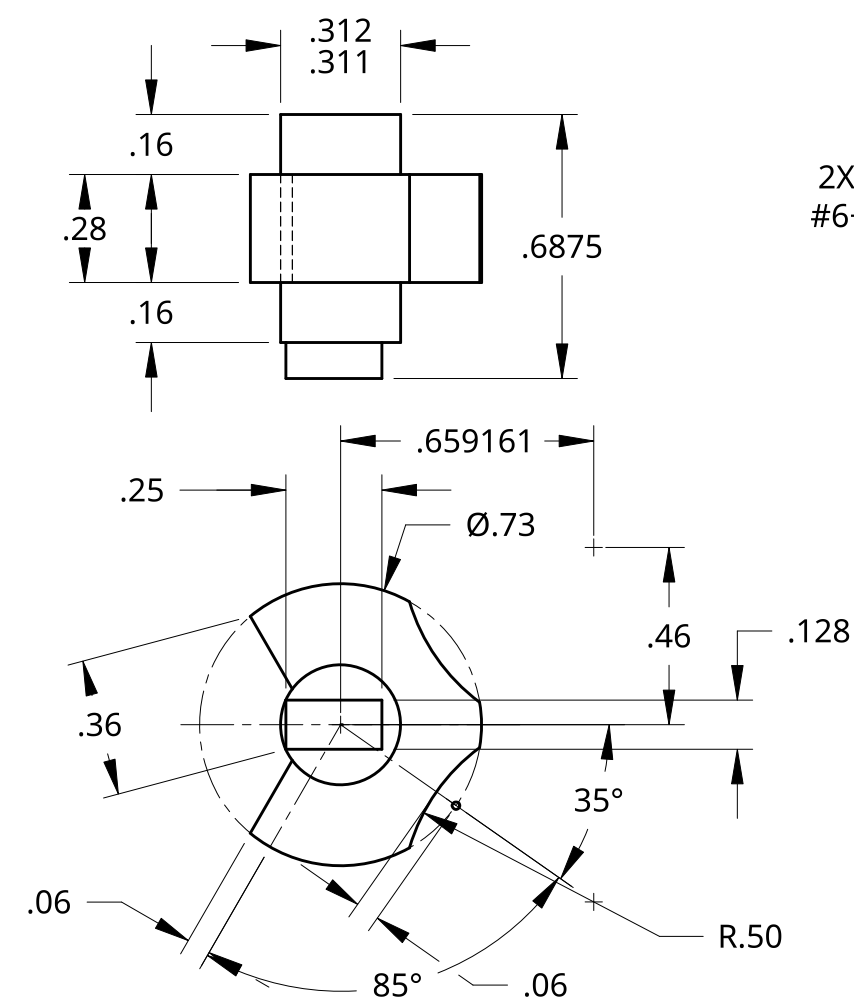
PART 2: RATCHET WHEEL

MATERIAL: 2315 STEEL
QUANTITY: 1



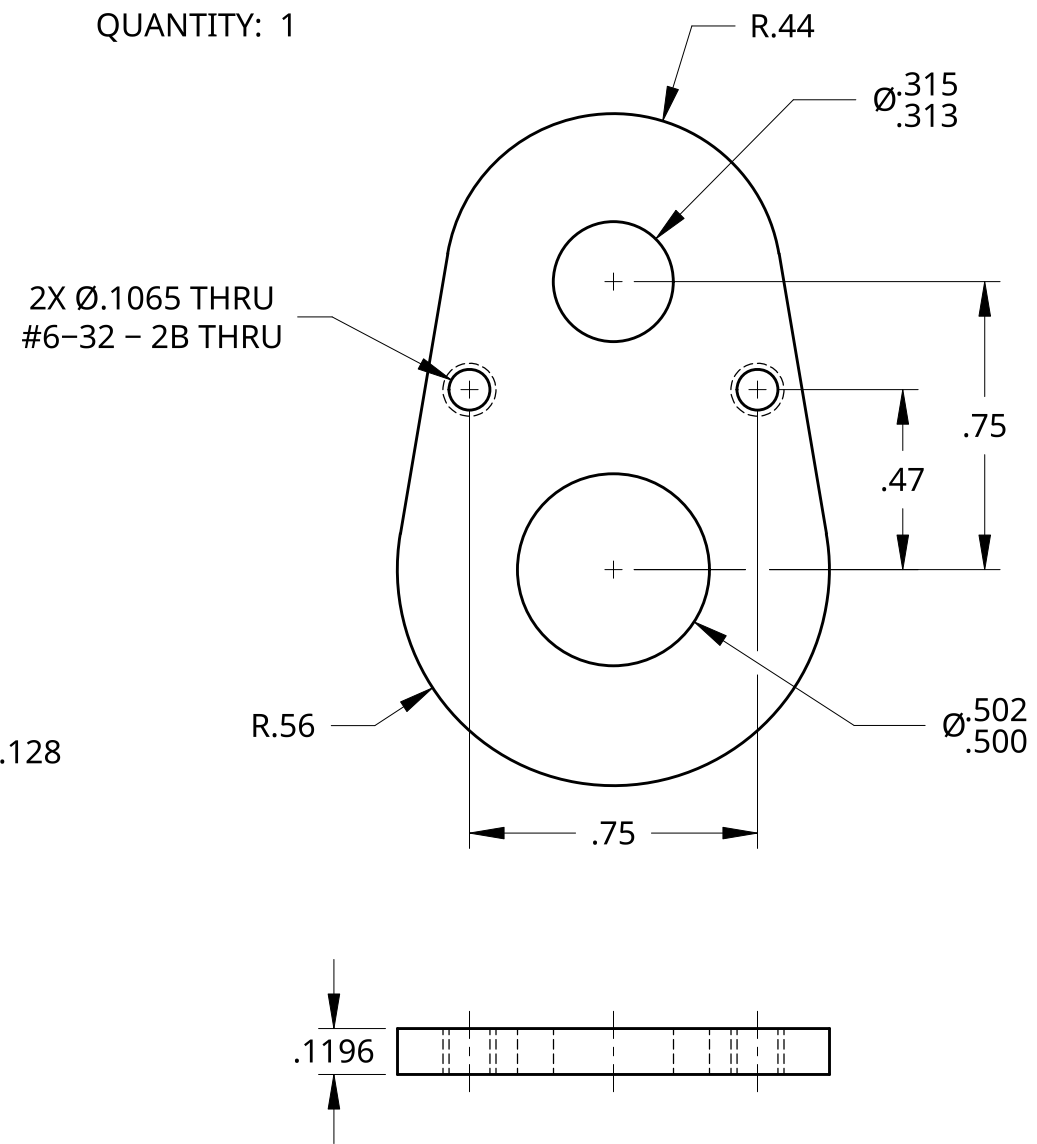
PART 3: RATCHET

MATERIAL: 2315 STEEL
QUANTITY: 1



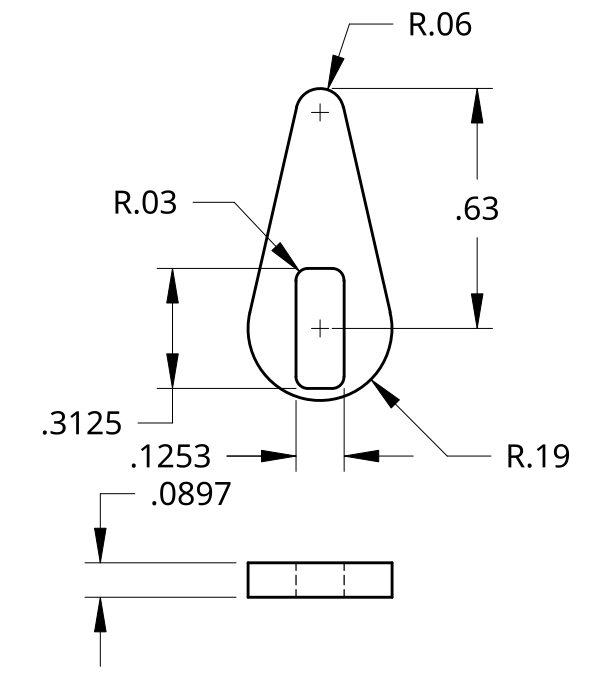
PART 4: COVER

MATERIAL: #11 GA. SHEET STEEL
QUANTITY: 1



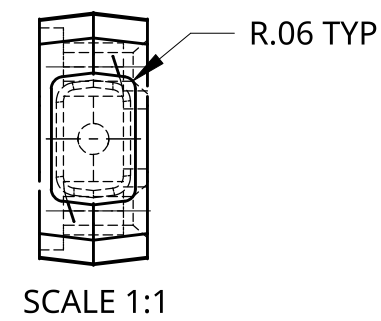
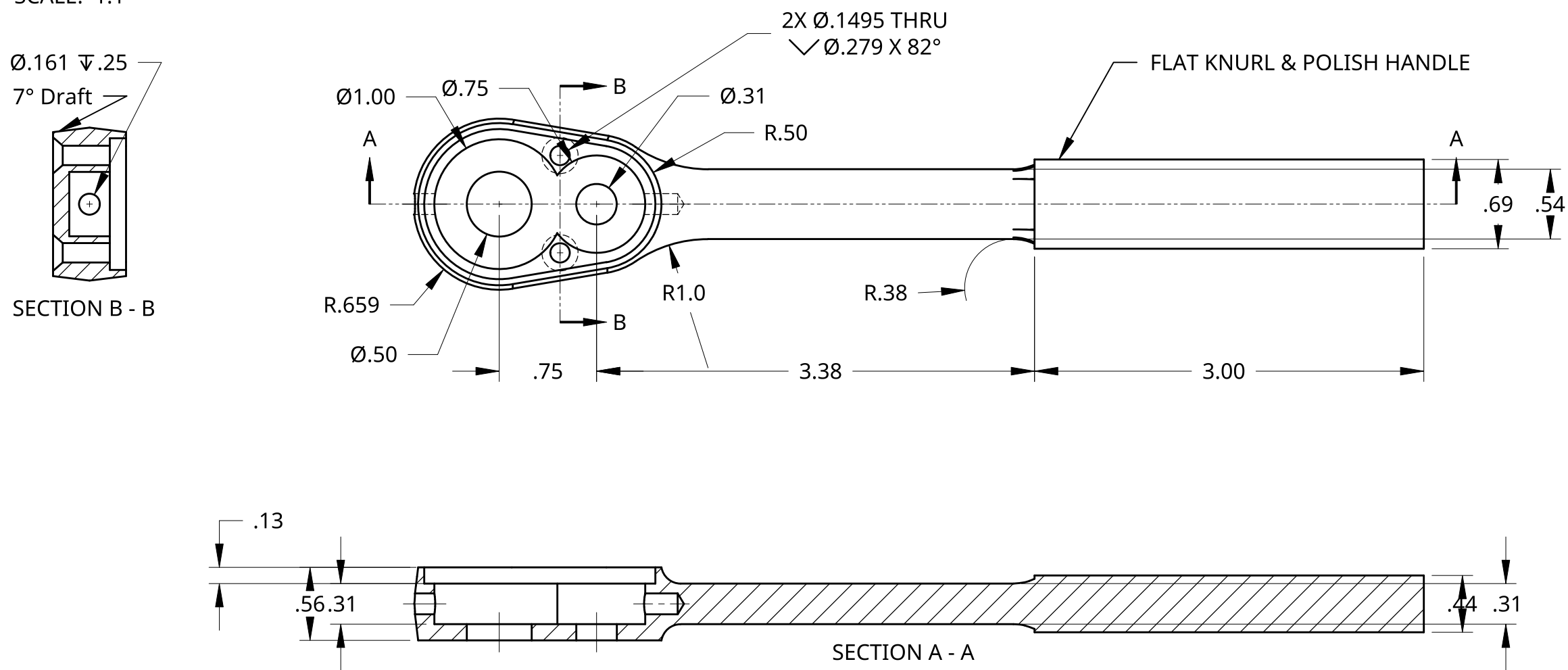
PART 5: LEVER

MATERIAL: #13 GA. SHEET STEEL
QUANTITY: 1



PART 1: BODY

MATERIAL: SAE 3240
QUANTITY: 1
SCALE: 1:1



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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		CONTESTANT #	DATE	TITLE RATCHET WRENCH DETAILS
.XX = ±.01	ANGULAR = ± 1°	TD-88	04/15/2026	
.XXX = ±.001	FRACTIONAL = ±			
.XXXX = ±.0005				
DO NOT SCALE DRAWING				SIZE C
BREAK ALL SHARP EDGES AND REMOVE BURRS				P/N TJS-19.80
THIRD ANGLE PROJECTION		MATERIAL	FINISH	REV.
				SCALE 2:1
				WEIGHT
				SHEET 2 of 3

4

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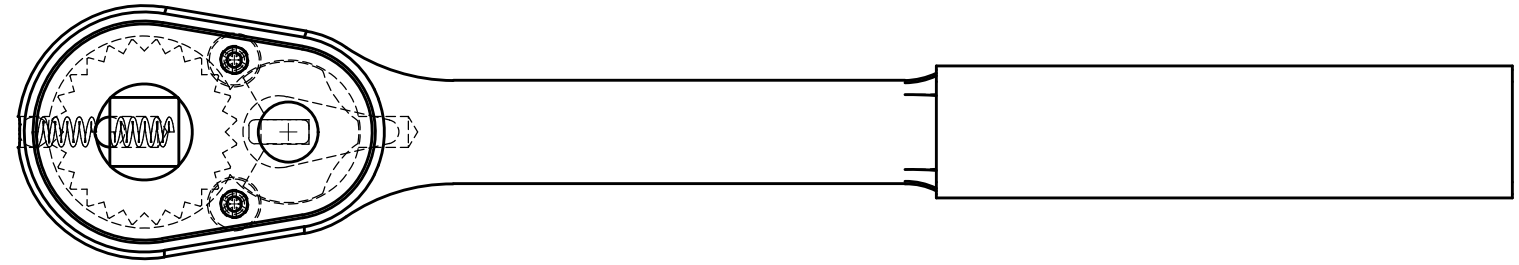
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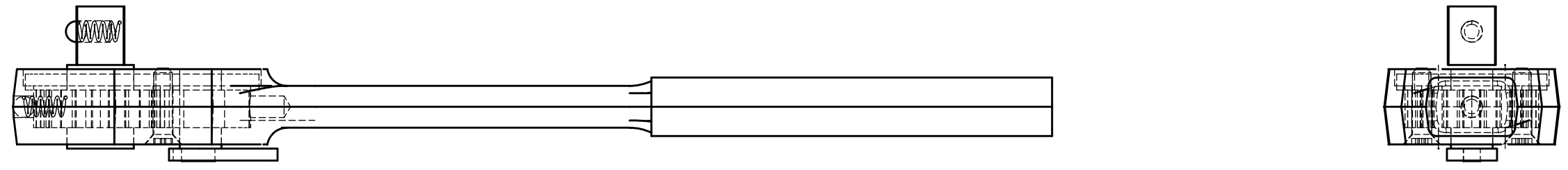
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D



C

C



B

B



A

A

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES

.XX = ±.01
.XXX = ±.001
.XXXX = ±.000-

ANGULAR = ± 1°
FRACTIONAL = ±

SURFACE FINISH

DO NOT SCALE DRAWING

BREAK ALL SHARP EDGES AND
REMOVE BURRS

THIRD ANGLE PROJECTION

	CONTESTANT #	DATE
DRAWN	TD-88	04/15/2026
CHECKED		
APPROVED		

TITLE		
SIZE	P/N	REV.
B		
SCALE	WEIGHT	SHEET
1:1		3 of 3

4

3

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1