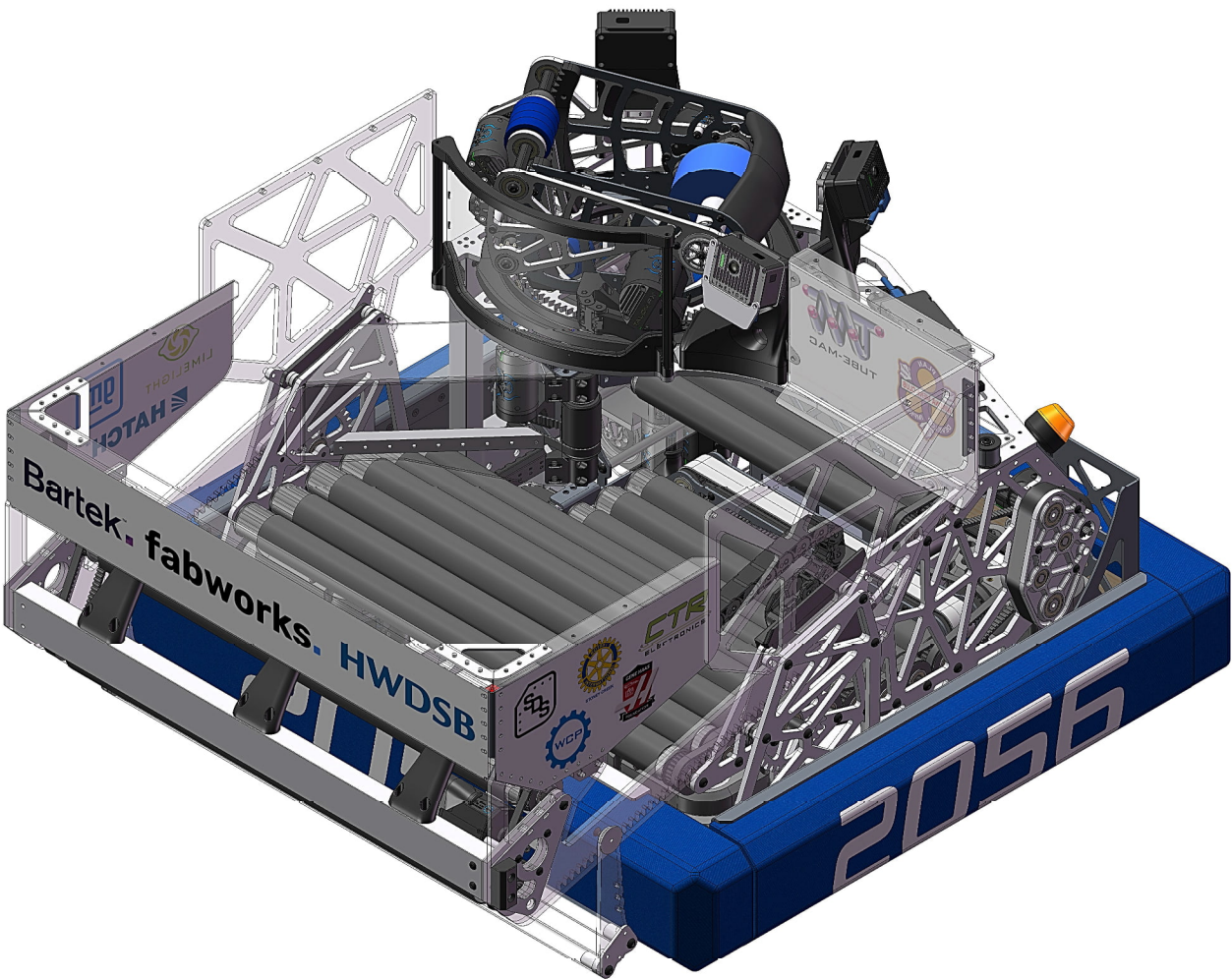


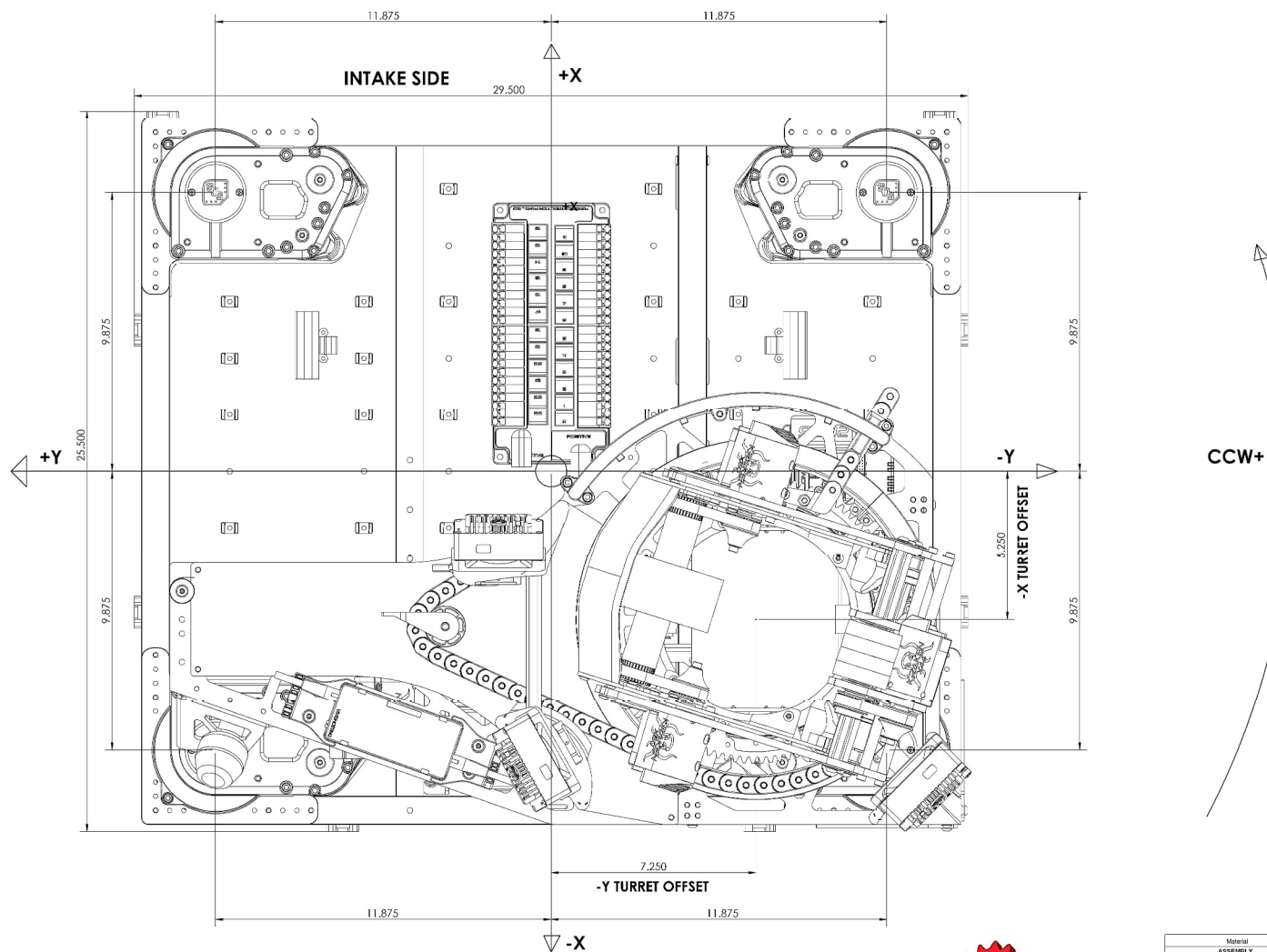
BOM Table		
PART NUMBER	DESCRIPTION	QTY.
1 OPR26-B-A01	DRIVETRAIN	1
2 OPR26-B-A-10	SHOOTER TOP STRUCTURE	1
3 OPR26-B-A-81	HODDER & PIVOTS	1
4 OPR26-B-A-82	FRONT BUMPER	1
5 OPR26-B-A-83	BACK BUMPER	1
6 OPR26-B-A-84	SIDE BUMPER	2
7 OPR26-B-A-44	BOTTOM SIDE FEED CONVEYOR	1
8 Main-Battery	Main Battery	1
9 am-0546	SS80 Anderson Battery Connector	2
10 OPR26-B-F185	UPRIGHT PLATE	1
11 OPR100-B-F012	Turret Scale/Steering	1



“Sometimes the best way forward is to change direction.”



Material		UNLESS OTHERWISE SPECIFIED		AS SHOWN: OPPOSITE:	
ASSEMBLY		PRIMARY UNITS INCHES		OP Robotics	
Finish		NO BURRS OR SHARP EDGES		www.2056.ca	
NO FINISH		TOLERANCES			
Weight		Drawn By		DWG. NO.	
139.351				OPR26-B-A00	
Dimensions per OPR26-B-A00 adapt or skip		TOLERANCES		PRINTED ON 2026-10-03	
		FRACTIONS		SCALE: 1:2.5	
		DECIMAL PLACES		SHEET 1 OF 2	
		SLOT CHAIN PLACES			
		FLAT PATTERNS			
		ANGULAR DEGREES			
		BENDS			

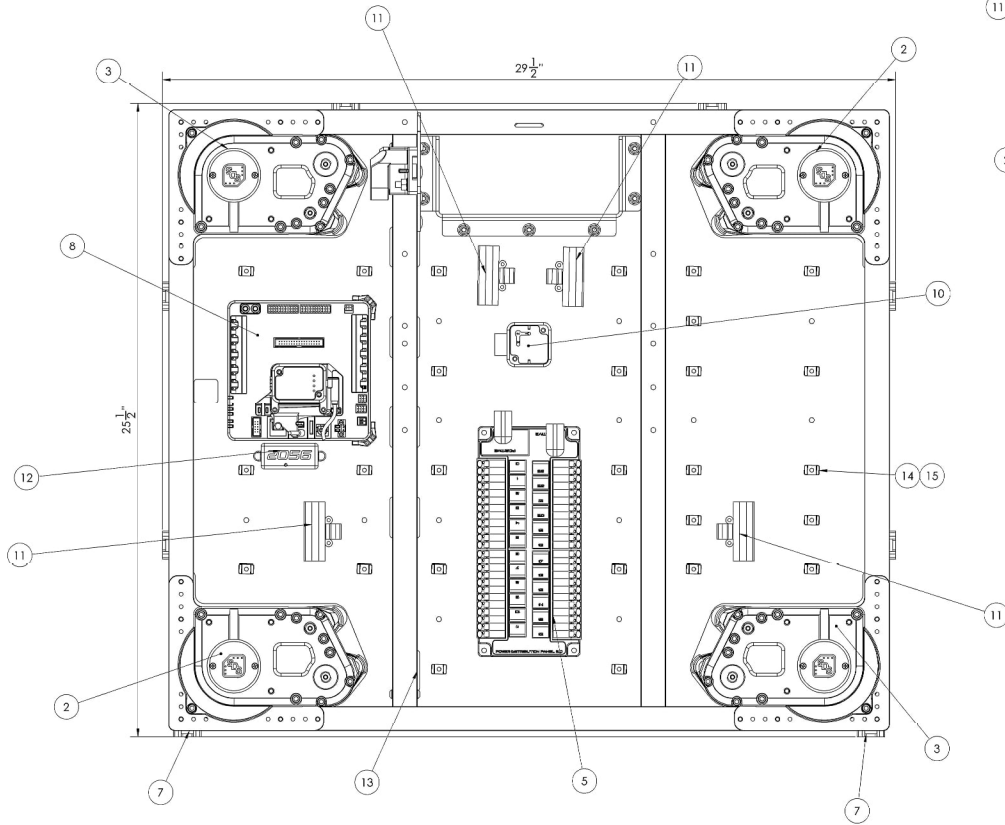
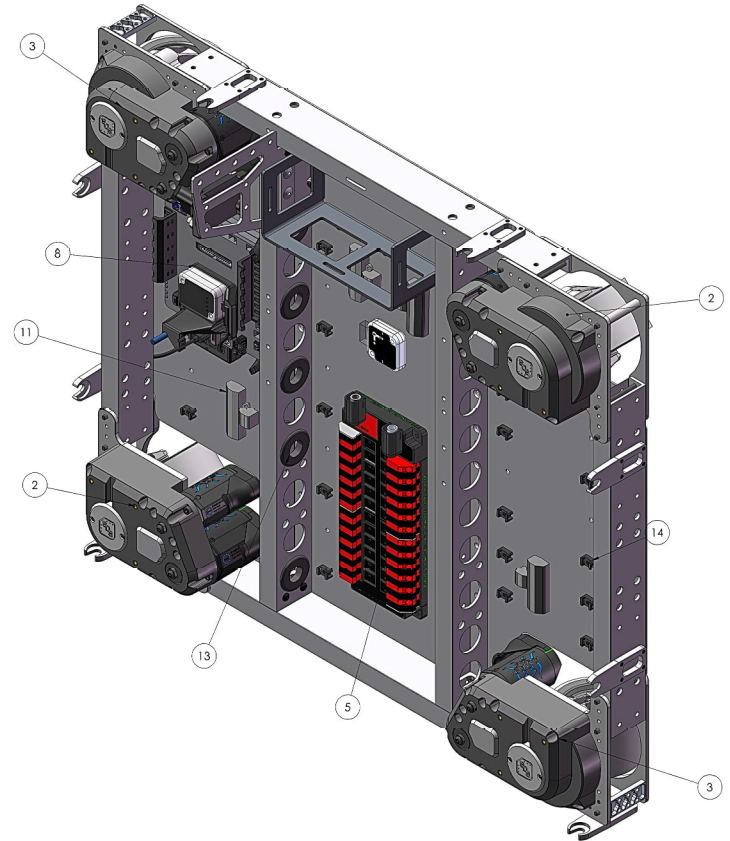


Material		UNLESS OTHERWISE SPECIFIED		OP Robotics	
ASSEMBLY		PRIMARY UNITS INCHES		www.2056.ca	
Finish		NO BURRS OR SHARP EDGES			
NO FINISH		TOLERANCES			
Weight		FIT/GO		DWG. NO.	
149.054		2 DECIMAL PLACES		OPR26-B-A00	
Drawn By		3 DECIMAL PLACES		PRINTED ON 2026-03-01	
Dimensions per		FLAT PATTERNS		SCALE: 1:2	
OPR26-B-A00 adapt or skip		ANGULAR DEGREES		SHEET 2 OF 2	
		BENDS			

AS SHOWN:
OPPOSITE:

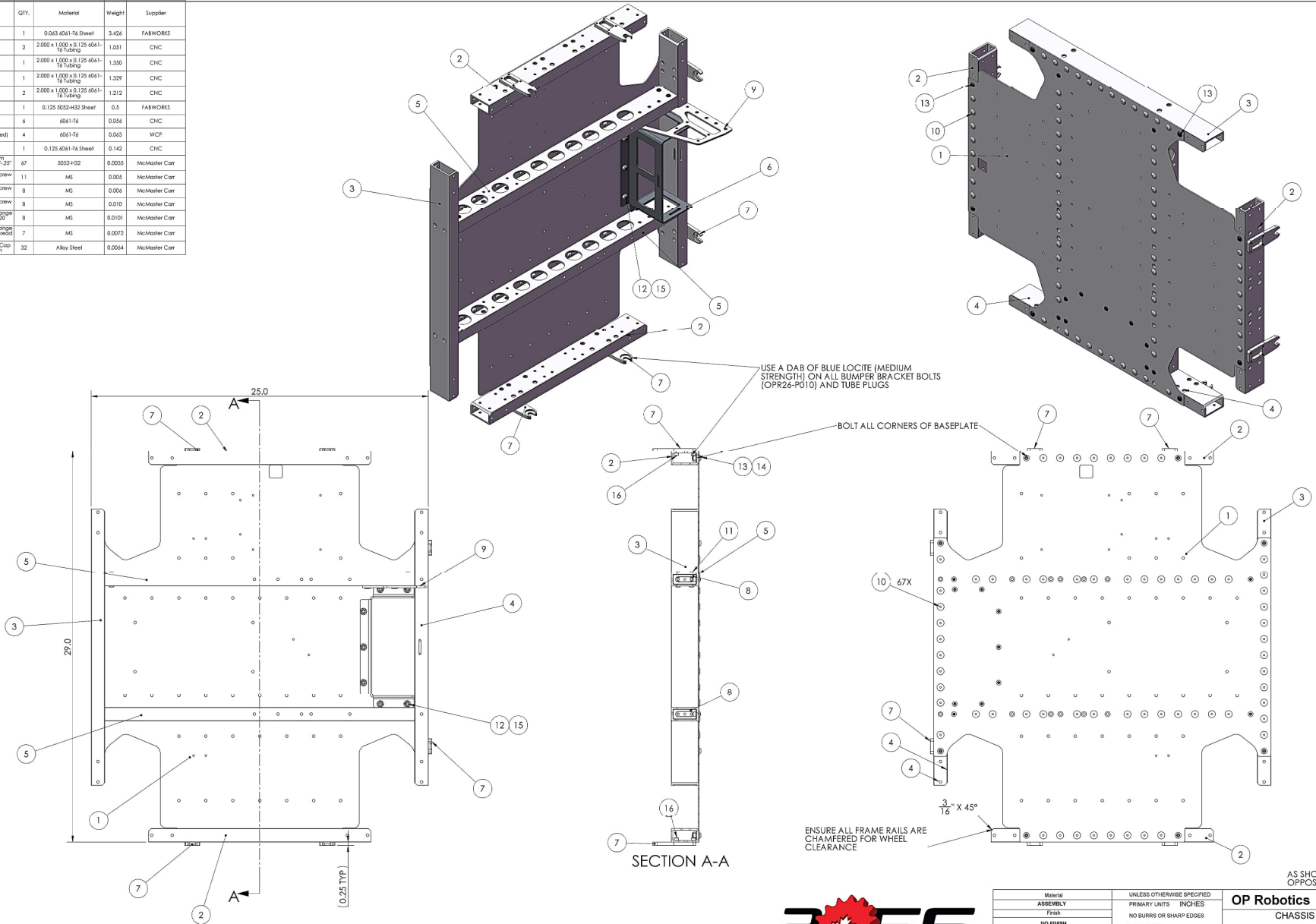
PART NUMBER	DESCRIPTION	QTY.	Weight	Supplier
1 OPR26-B-A02	CHASSIS	1	12.346	N/A
2 OPR26-B-A03	SWERVE MODULE A	2	5.937	N/A
3 OPR26-B-A04	SWERVE MODULE B	2	5.937	N/A
4 M3S Corner Block	CORNER BLOCK	3	0.090	SDS
5 Power Distribution Panel 25	Power Distribution Panel 2.0	1	1.7500	CTRE
6 120amp Main Breaker	120 AMP Main Circuit Breaker	1	0.2400	AndyMark
7 OPR26-P022	Front Bumper Mount	2	0.049	CNC
8 OPR26-A03-K2	RIO + CANIVORE ASSEMBLY	1	0.896	ELECTRICAL
9 OPR26-P021	BREAKER COVER	1	0.040	3DP
10 Pigeon 2	CTRE Pigeon 2 Gyro	1	0.035	CTRE
11 SPL-122 (2-12 terminal)		4	0.100	
12 OPR26-A-10	Voltage Regulator	1	0.023	N/A
13 P5078B95	3/4" Grommet, for 1-1/4" Hole	9		
14 OPR26-P030	Tapped Cable Tie Holder	27	0.00	3DP
15 P1358A261	Alloy Steel Button Head Socket Cap Screw #10-32 Thread, 0.25 Length	27	0.004	McMaster Carr

INSTALL GROMMETS WHERE NEEDED
INSTALL ZIP TIE ANCHORS WHERE NEEDED
INSTALL WAGO TERMINALS WHERE NEEDED

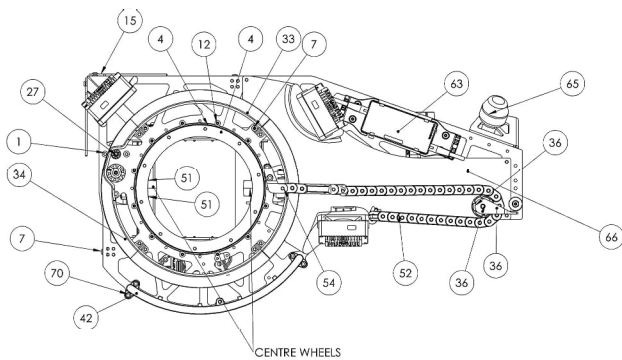
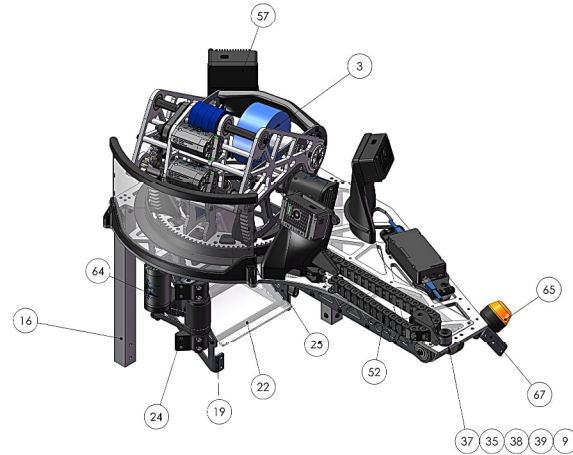
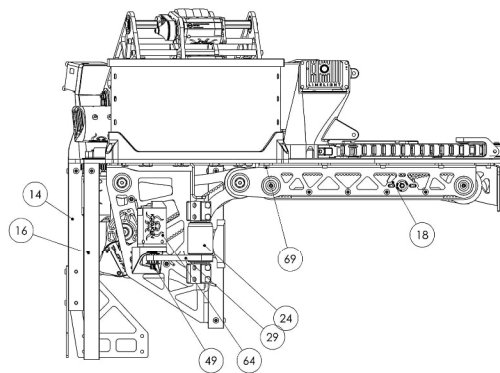
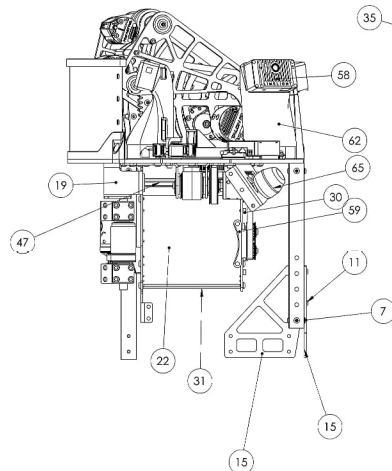
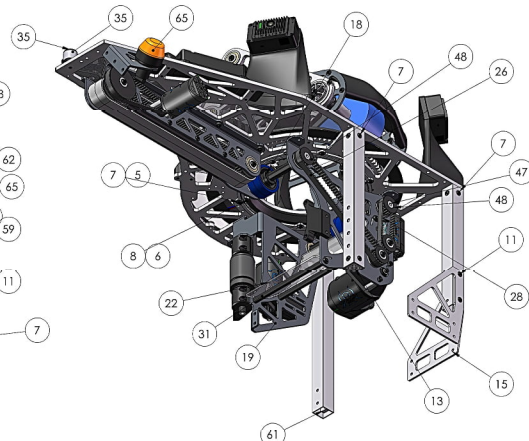


Material		UNLESS OTHERWISE SPECIFIED		OP Robotics	
ASSEMBLY		PRIMARY UNITS	INCHES	www.2056.ca	
Finish		NO BURRS OR SHARP EDGES		DRIVETRAIN	
NO FINISH		TOLERANCES		DWG. NO.	
Weight		2056		OPR26-B-A01	
Drawn By:		2056		PRINTED ON 2026-02-24	
Dimensions per OPR26-B-A01.dwg or .step		PTH/CTOPING 2 DECIMAL PLACES ±.010" 3 DECIMAL PLACES ±.005" FLAT PATTERNS ±.005" ANGULAR DEGREES ±0.5° BENDS ±0.010"		SCALE: 1:2.5	
				SHEET 1 OF 1	

PART NUMBER	DESCRIPTION	QTY.	Material	Weight	Supplier
1 OPR26-B-P001	BASEPLATE	1	0.063 4061-16 Sheet	3.426	FABWORKS
2 OPR26-B-P002	SIDE FRAME RAIL	2	2.000 x 1.000 x 0.125 4061-16 Tubing	1.081	CNC
3 OPR26-B-P003	FRONT FRAME RAIL	1	2.000 x 1.000 x 0.125 4061-16 Tubing	1.330	CNC
4 OPR26-B-P004	REAR FRAME RAIL	1	2.000 x 1.000 x 0.125 4061-16 Tubing	1.329	CNC
5 OPR26-B-P005	CROSS MEMBER	2	2.000 x 1.000 x 0.125 4061-16 Tubing	1.212	CNC
6 OPR26-P019	Battery Holder	1	0.125 5053-H32 Sheet	0.5	FABWORKS
7 OPR26-P010	Front Bumper Mount	6	6061-T6	0.056	CNC
8 WCP-0374	Tube Plug (2X1X0.125; #10-32 Tapped)	4	6061-T6	0.063	WCP
9 OPR26-B-P136	BREAKER GUSSET MOUNT	1	0.125 4061-16 Sheet	0.142	CNC
10 97447-A651	Aluminum Blind Bolt with Aluminum Mandrel, Dimpled, 1/4" Diameter, .063"-.25" Maximum Thickness	67	5052-H32	0.0035	McMaster Carr
11 91255A263	Alloy Steel Button Head Socket Cap Screw #10-32 Thread, 0.375 Length	11	MS	0.005	McMaster Carr
12 91255A265	Alloy Steel Button Head Socket Cap Screw #10-32 Thread, 0.3 Length	8	MS	0.006	McMaster Carr
13 91255A537	Alloy Steel Button Head Socket Cap Screw 1/2-20 Thread, 0.1 Length	8	MS	0.010	McMaster Carr
14 93298A110	Medium Strength Steel Nylon Insert Fridge Locknut, Grade 1, Unc-Finished, 1/4"-20 Thread Size	8	MS	0.0101	McMaster Carr
15 93298A109	Medium Strength Steel Nylon Insert Fridge Locknut, Grade 1, Unc-Finished, 10-32 Thread Size	7	MS	0.0072	McMaster Carr
16 91251A340	Black Oxide Alloy Steel Socket Head Cap Screw #10-32 Thread, 0.375 Length	32	Alloy Steel	0.0064	McMaster Carr

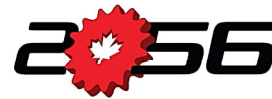


Material		UNLESS OTHERWISE SPECIFIED		OP Robotics CHASSIS	
ASSEMBLY		PRIMARY UNITS			www.2056.ca
Finish		NO BURRS OR SHARP EDGES			
NO FINISH		TOLERANCES			
Weight	Drawn By:			DWG. NO. OPR26-B-A02	
12.585	2056				
Dimensions per OPR26-B-A02 adapt or step					
		FRACTIONS 2 DECIMAL PLACES 3 DECIMAL PLACES FLAT PATTERNS ANGULAR DEGREES BENDS			
		+0.010" -0.010" +0.005" -0.005" ±0.5° ±0.5°			
		PRINTED ON 2026-02-24		SCALE: 1:1.5	
				SHEET 1 OF 1	



PART NUMBER	DESCRIPTION	QTY.	Supplier
1	OPR26-B-P120	1	FAIRWORKS
2	Isobore	1	Libby Bearings
3	OPR26-B-P12	1	ASSURANT
4	OPR26-B-P120	1	3DP
5	OPR26-B-P121	2	CNC
6	OPR26-B-P151	2	CNC
7	9125A26A	32	McMaster Carr
8	9125A271	10	McMaster Carr
9	9125A274	10	McMaster Carr
10	9125A287	10	McMaster Carr
11	9125A285	10	McMaster Carr
12	9125A261	10	McMaster Carr
13	WCP-2066	4	WCP
14	OPR26-B-P152	1	MILL
15	OPR26-B-P153	2	CNC
16	OPR26-B-P154	1	MILL
17	OPR26-B-P155	1	MILL
18	OPR26-B-P14	1	N/A
19	OPR26-B-P156	1	FAIRWORKS
20	AA-1155	1	ANDYMARK
21	CE-24000	4	AndyMark
22	OPR26-B-P157	1	Router
23	OPR26-B-P159	1	LATHE
24	OPR26-B-P11	1	N/A
25	OPR26-B-P162	1	FAIRWORKS
26	WCP-0425	1	WCP
27	OPR26-B-P13	1	N/A
28	WCP-0415	1	WCP
29	WCP-0415	1	WCP
30	OPR26-B-P25	1	N/A
31	OPR26-B-P171	3	LATHE
32	OPR26-B-P137	1	3DP
33	OPR26-B-P174	3	3DP
34	OPR26-B-P175	1	3DP
35	92934	1	McMaster Carr
36	OPR26-B-P155-R1	1	3DP
37	OPR26-B-P139	1	Fabricated
38	OPR26-B-P176	1	LATHE
39	9326A011	1	McMaster Carr
40	9326A011	1	McMaster Carr
41	OPR26-B-P138	1	LATHE
42	OPR26-B-P177	1	3DP
43	OPR26-B-P178	1	Router
44	OPR26-B-P179	1	3DP
45	OPR26-B-P181	1	LATHE
46	9B-A004	3	Robolabs
47	OPR26-B-P182	1	LATHE
48	OPR26-B-P183	2	3DP
49	WCP-1017	1	WCP
50	OPR26-B-P140	1	BP
51	WCP-0799	2	WCP
52	OPR26-B-P145-R1	32	Fabricated
53	55100-3M-03-A	1	Digkey
54	OPR26-B-P15	1	N/A
55	OPR26-B-P17	1	N/A
56	OPR26-B-P191	1	3DP
57	1/2" Corner Bracket	1	Fabricated
58	LIMELIGHT 4	2	Limelight
59	OPR26-B-P144	1	Fabricated
60	OPR26-B-P189	2	MILL
61	OPR26-B-P188	1	CNC
62	OPR26-B-P187	1	Fabricated
63	OPR26-B-P186	1	N/A
64	WCP-0941	1	WCP
65	Panel Signal Light	1	BOCWELL
66	OPR26-B-P120	1	ROUTER
67	OPR26-B-P128	1	FAIRWORKS
68	9125A287	2	McMaster Carr
69	9125A285	11	McMaster Carr
70	9125A261	4	McMaster Carr

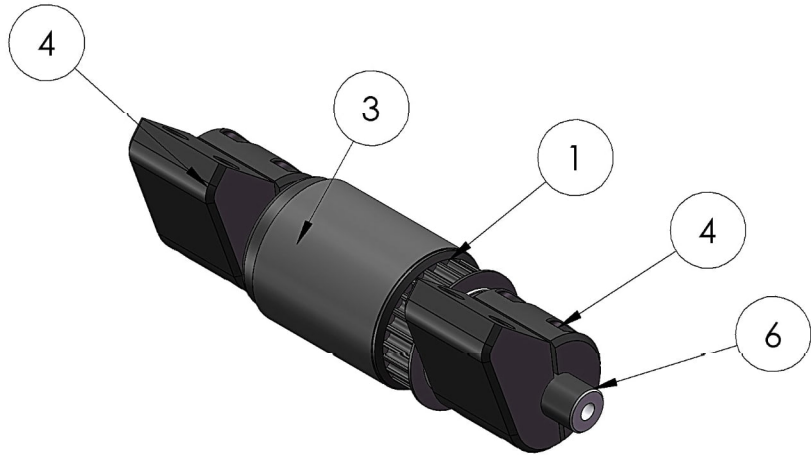
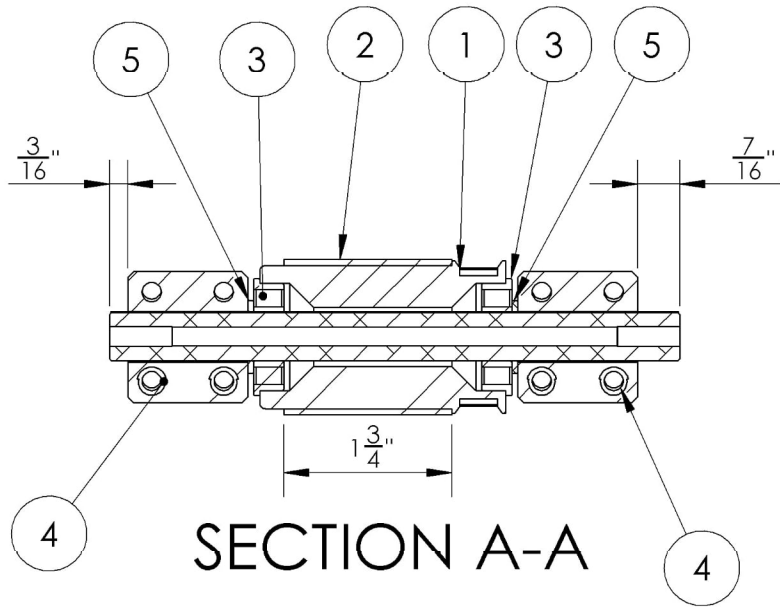
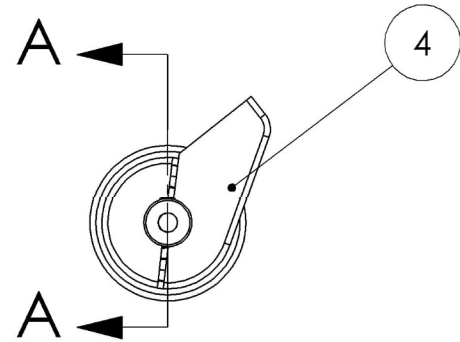
AS SHOWN: 1
OPPOSITE:



Material	UNLESS OTHERWISE SPECIFIED	OP Robotics
ASSEMBLY	PRIMARY UNITS INCHES	www.256.ca
Finish	NO BURRS OR SHARP EDGES	SHOOTER TOP STRUCTURE
NO FINISH	TOLERANCES	
Weight	29.825	DWG. NO. OPR26-B-A10
Drawn By		PRINTED ON 2026-02-27 SCALE: 1:4 SHEET 1 OF 1
Dimensions per OPR26-B-A10.adp or .step	±.015" ±.010" ±.005" ±.003" ±.002" ±.001" ±.0005" ±.0002" ±.0001"	

	PART NUMBER	DESCRIPTION	QTY.	Material	Supplier
1	OPR26-B-P160	24 Teeth Timing Pulley, 5mm Pitch	1	ESun EPA-CF	3DP
2	OPR26-B-P161	USE WCP-1264	1	1.625"OD, 0.063" Wall POLYURETHANE Round Tube 1.750" Long	KNIFE
3	FR8ZZ	0.5 ID, 1.125 OD, 0.3125 WD, Flanged Shielded Ball Bearing	2	SS	RoboBitz
4	OPR26-B-P193	ROLLER CLAMP	2	Onyx	3DP
5	217-3257	0.0625 Delrin Washer - 0.5 Hex	2	COTS	3DP
6	OPR26-B-P159	0.500" Tube Axle Stock 5.938" Long	1	6061-T6	LATHE

PROCESS:	N/A
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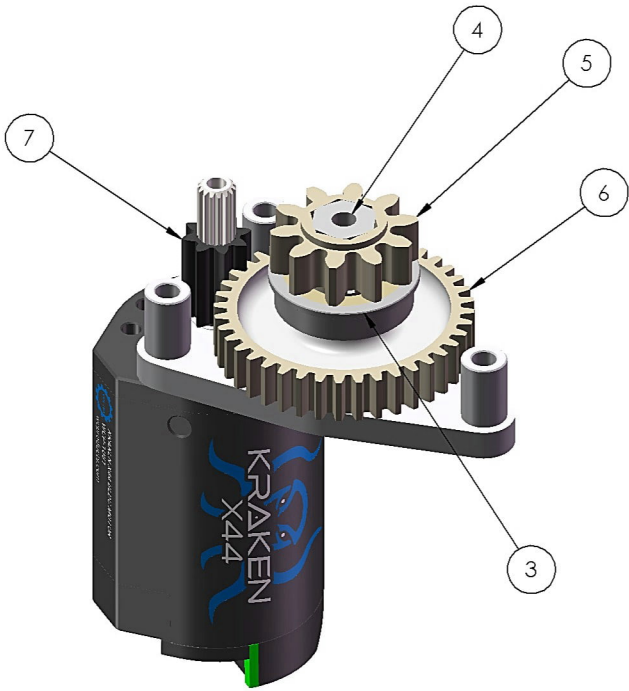
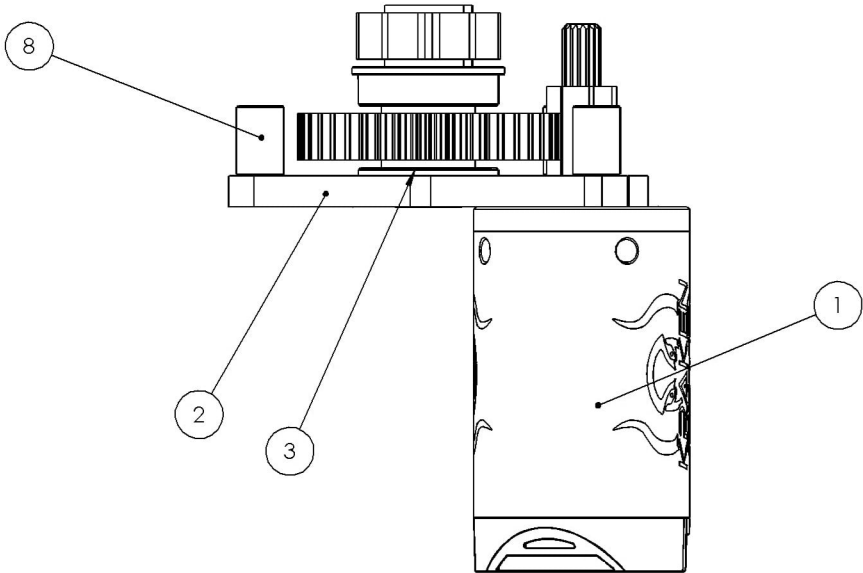


AS SHOWN:
OPPOSITE:



Material	UNLESS OTHERWISE SPECIFIED	OP Robotics www.2056.ca	
ASSEMBLY	PRIMARY UNITS INCHES		
Finish	NO BURRS OR SHARP EDGES	SIDE KICKER	
NO FINISH	TOLERANCES		
Weight	FRACTIONS ±1/32"	DWG. NO. OPR26-B-A11	
0.397	2 DECIMAL PLACES ±.010"		
Dimensions per OPR26-B-A11.sldprt or .step	3 DECIMAL PLACES ±.003"	PRINTED ON 2026-02-27	
	FLAT PATTERNS ±.005"		
	ANGULAR DEGREES ±0.5°	SCALE: 1:2	
	BENDS ±0.010"		
		SHEET 1 OF 1	

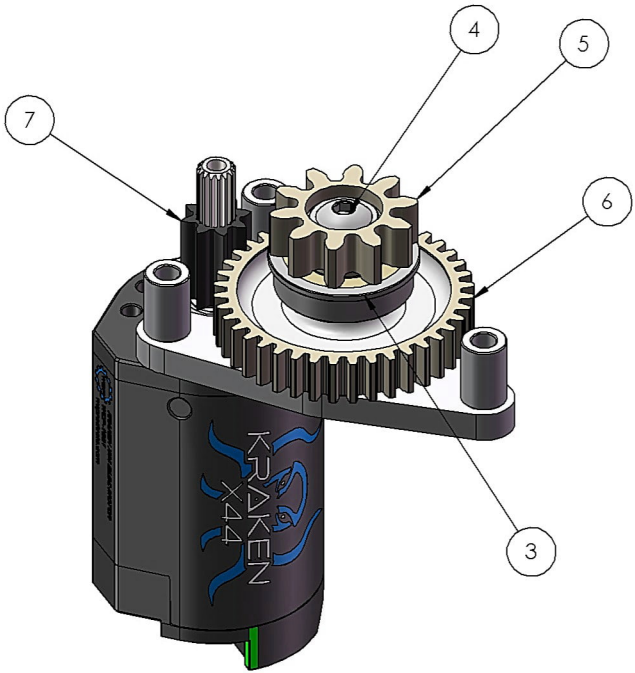
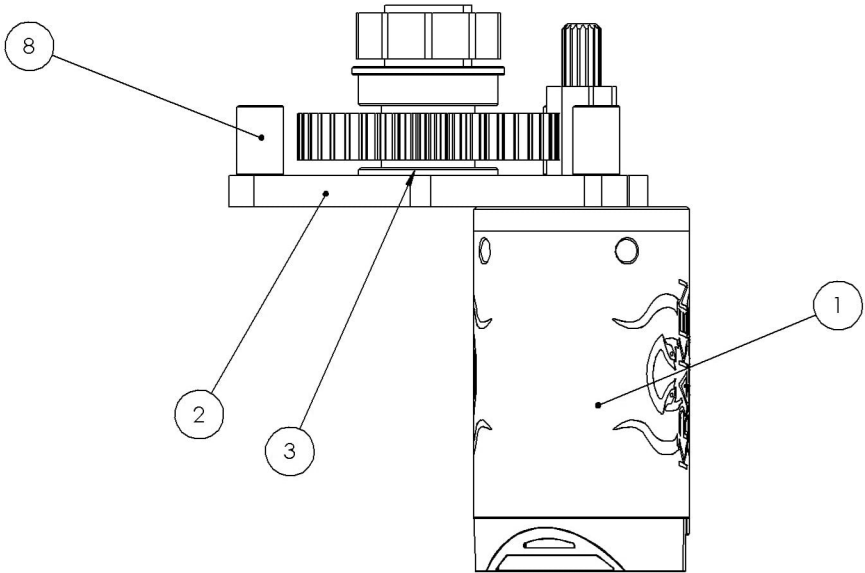
	PART NUMBER	DESCRIPTION	QTY.	Material	ManPartNum	Price	Weight	Supplier
1	WCP-0941	Kraken X44	1	Material <not specified>	WCP-0941	194	0.750	WCP
2	OPR26-B-P190	TURRET GEARBOX PLATE	1	0.250 6061-T6 Sheet		0.2001	0.067	CNC
3	RB-BB004	13.75mm Rounded Hex, 1.125 OD, 0.3125 WD, Flanged Shielded Ball Bearing	2	SS	RB-BB004	2.99	0.066	RoboBitz
4	OPR26-P142	Turret Drive Shaft	1	7075-T6 0.500" Rounded Hex 1.625" Long		0.0303	0.030	LATHE
5	WCP-0552	10T Aluminum Spur Gear (10 DP, 1/2" Hex Bore)	1	7075-T6		9.99	0.022	WCO
6	WCP-0116	40 Tooth, 20DP, 0.5 Hex Bore, Aluminum Pocketed Spur Gear	1	7075-T6	WCP-0116	14.99	0.064	WCP
7	WCP-1006	8T Steel Spur Gear (20 DP, 10T Center Distance, 8mm SplineXS Bore)	1	4140 Steel		8.99	0.021	WCP
8	92510A285	Aluminum Unthreaded Spacer 0.375 OD, 0.5625 Length, #10 Screw Size	3	6061-T6	92510A285	0.99	0.004	McMaster Carr



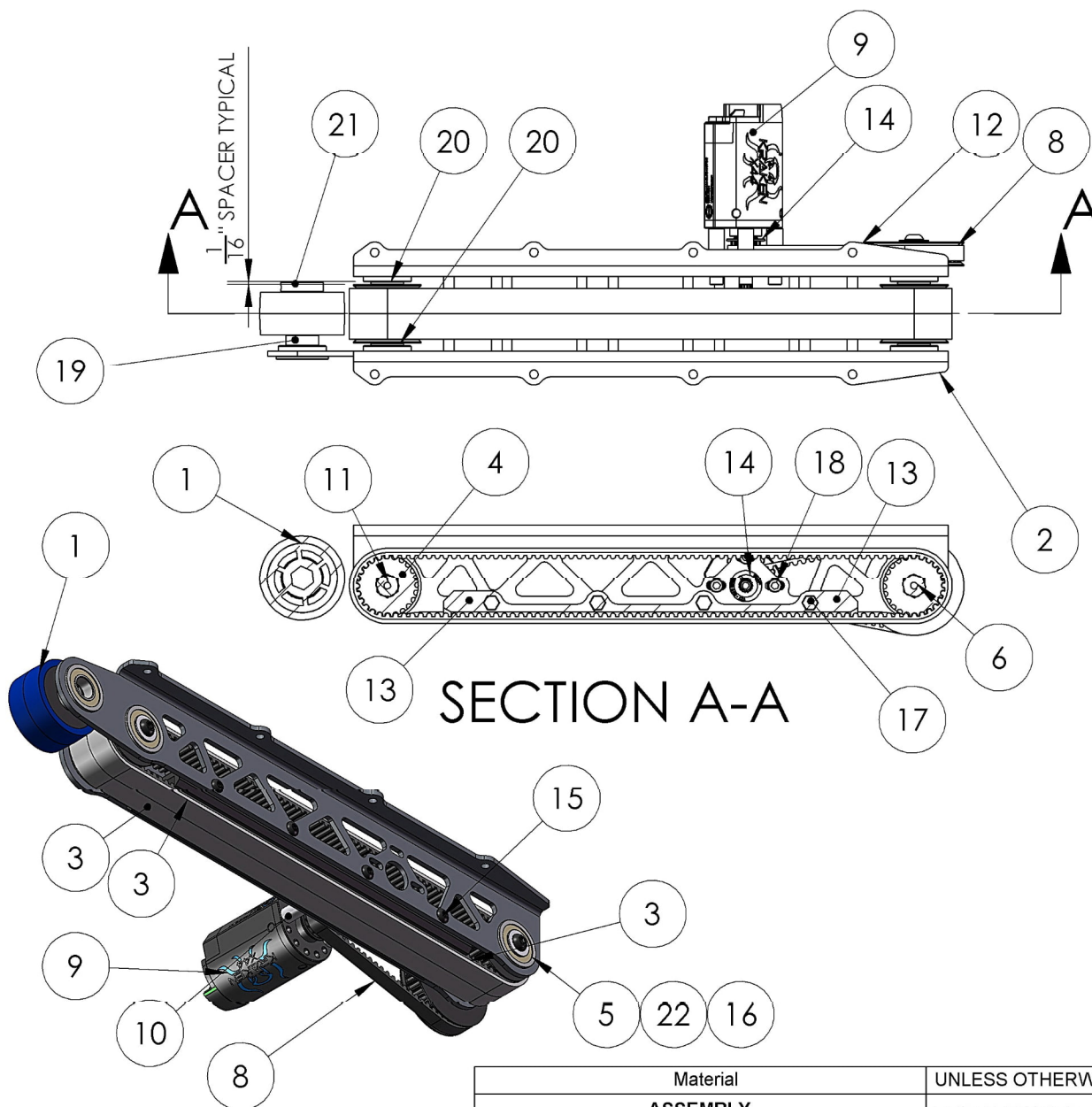
AS SHOWN:
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>	
ASSEMBLY		PRIMARY UNITS INCHES			
Finish		NO BURRS OR SHARP EDGES		Turret Gearbox	
NO FINISH		TOLERANCES			
Weight	Drawn By	FRACTIONS ±1/32" 2 DECIMAL PLACES ±.010" 3 DECIMAL PLACES ±.003" FLAT PATTERNS ±.005" ANGULAR DEGREES ±0.5° BENDS ±0.010"			
1.099					
Dimensions per					
OPR26-B-A13.sldprt or .step					
		DWG. NO.		OPR26-B-A13	
		PRINTED ON 27/02/2026		SCALE: 1:1	SHEET 1 OF 1

	PART NUMBER	DESCRIPTION	QTY.	Material	ManPartNum	Price	Weight	Supplier
1	WCP-0941	Kraken X44	1	Material <not specified>	WCP-0941	194	0.750	WCP
2	OPR26-B-P190	TURRET GEARBOX PLATE	1	0.250 6061-T6 Steel		0.2001	0.067	CNC
3	RB-BB004	13.75mm Rounded Hex, 1.125 OD, 0.3125 WD, Flanged Shielded Ball Bearing	2	SS	RB-BB004	2.99	0.066	RoboBitz
4	OPR26-B-P100	Turret Drive Shaft	1	7075-T6 0.500" Rounded Hex 1.438" Long		0.0266	0.027	LATHE
5	WCP-0552	10T Aluminum Spur Gear (10 DP, 1/2" Hex Bore)	1	7075-T6		9.99	0.022	WCP
6	WCP-0116	40 Tooth, 20DP, 0.5 Hex Bore, Aluminum Pocketed Spur Gear	1	7075-T6	WCP-0116	14.99	0.064	WCP
7	WCP-1006	8T Steel Spur Gear (20 DP, 10T Center Distance, 8mm SplineXS Bore)	1	4140 Steel		8.99	0.021	WCP
8	92510A285	Aluminum Unthreaded Spacer 0.375 OD, 0.5625 Length, #10 Screw Size	3	6061-T6	92510A285	0.99	0.0043	McMaster Carr
9	91355A080		1	Alloy Steel				



Material		UNLESS OTHERWISE SPECIFIED		AS SHOWN: OPPOSITE:	
ASSEMBLY		PRIMARY UNITS	INCHES	OP Robotics <small>www.2056.ca</small>	
Finish		NO BURRS OR SHARP EDGES		Turret Gearbox	
NO FINISH		TOLERANCES		DWG. NO.	
Weight	Drawn By	FRACTIONS	±1/32"	OPR26-B-A13-R1	
1.097		2 DECIMAL PLACES	±.010"		
		3 DECIMAL PLACES	±.003"		
		FLAT PATTERNS	±.005"		
		ANGULAR DEGREES	±0.5°		
Dimensions per OPR26-B-A13-R1.sldprt or .step		BENDS	±0.010"	PRINTED ON 2026-10-03 SCALE: 1:1 SHEET 1 OF 1	



	PART NUMBER	DESCRIPTION	QTY.	Supplier
1	AM-3155	2 inch Stealth Wheel, 50A Durometer, 500 Hex Bore	1	ANDYMARK
2	OPR26-B-P164	SHOOTER TOP INFEED	1	FABWORKS
3	WCP-2299	150 Teeth Timing Belt, 5mm Pitch, 15mm Wide, 750mm Long	2	WCP
4	OPR26-B-P165	24 Teeth Timing Pulley, 5mm Pitch	2	3DP
5	RB-BB004	13.75mm Rounded Hex, 1.125 OD, 0.3125 WD, Flanged Shielded Ball Bearing	5	RoboBitz
6	OPR26-B-P184	BELT DRIVE SHAFT	1	LATHE
7	OPR26-P210	36 Teeth Timing Pulley, 5mm Pitch	1	3DP
8	WCP-0618	65 Teeth Timing Belt, 5mm Pitch, 9mm Wide, 325mm Long	1	WCP
9	WCP-0941	Kraken X44	1	WCP
10	92510A649	Aluminum Unthreaded Spacer 0.375 OD, 1 Length, #10 Screw Size	3	McMaster Carr
11	OPR26-B-P185	BELT FEED IDLER SHAFT	1	LATHE
12	OPR26-B-P163	SHOOTER SIDE INFEED	1	FABWORKS
13	OPR26-B-P166	BELT TRACK	1	Fabricated
14	WCP-1017	121 x 9mm Wide Aluminum Pulley (HTD 5mm, 8mm SplineXS Bore)	1	WCP
15	91255A263	Alloy Steel Button Head Socket Cap Screw #10-32 Thread, 0.375 Length	8	McMaster Carr
16	91255A537	Alloy Steel Button Head Socket Cap Screw 1/4"-20 Thread, 0.5 Length	4	McMaster Carr
17	91780A650	Lightweight Aluminum Female Threaded Hex Standoff, 5/16" Hex Size, 1-3/4" Long, 10-32 Thread Size	4	McMaster Carr
18	McMaster Carr - Socket Head Cap Screw	Black-Oxide Alloy Steel Socket Head Cap Screw #10-32 Thread, 1.375 Length	3	McMaster Carr
19	217-3259	0.25 Delrin Washer - 0.5 Hex	1	3DP
20	217-3257	0.0625 Delrin Washer - 0.5 Hex	4	3DP
21	WCP-0799	1/2" Hex Clamping Shaft Collar	1	WCP
22	93286A013	Aluminum Flat Washer 0.6875 OD, 1/4 Screw Size	5	McMaster Carr

AS SHOWN: 1
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ASSEMBLY		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
2.697		2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-A14.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

www.2056.ca

TOP FEED SIDE CONVEYOR

DWG. NO.

OPR26-B-A14

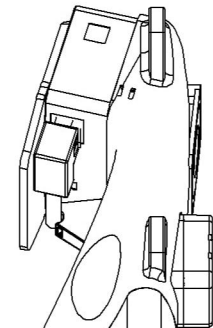
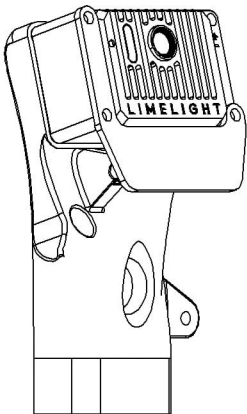
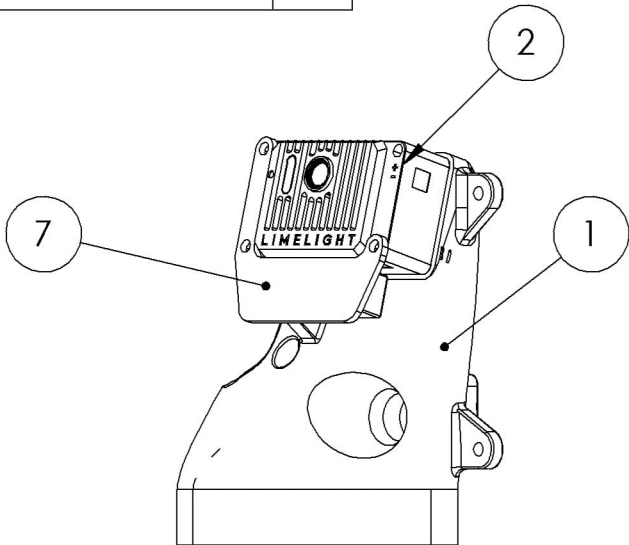
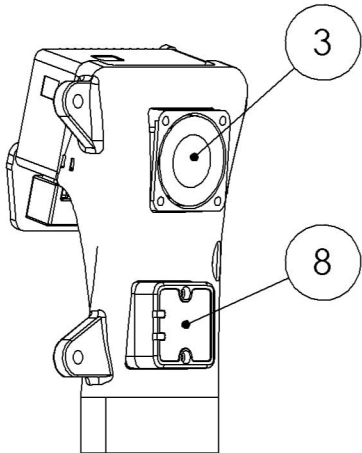
PRINTED ON 2026-02-26

SCALE: 1:4

SHEET 1 OF 1

	PART NUMBER	DESCRIPTION	QTY.		PROCESS:	N/A
--	-------------	-------------	------	--	----------	-----

1	OPR26-B-P194-R2	FRONT CAMERA MOUNT	1
2	LIMELIGHT 4	Limelight 4 Vision Camera	1
3	40mm KOP fan	Fan, 40x40x10mm	1
4	97164A107	#4-40, 0.135 Length Aluminum Heatset	4
5	97164A101	#10-32, 0.225 Length Aluminum Heatset	7
6	Right-Left Angled RJ45 Connector		1
7	OPR26-B-P121	LIMELIGHT GUARD	1
8	CANrange	TOF Distance Sensor	1

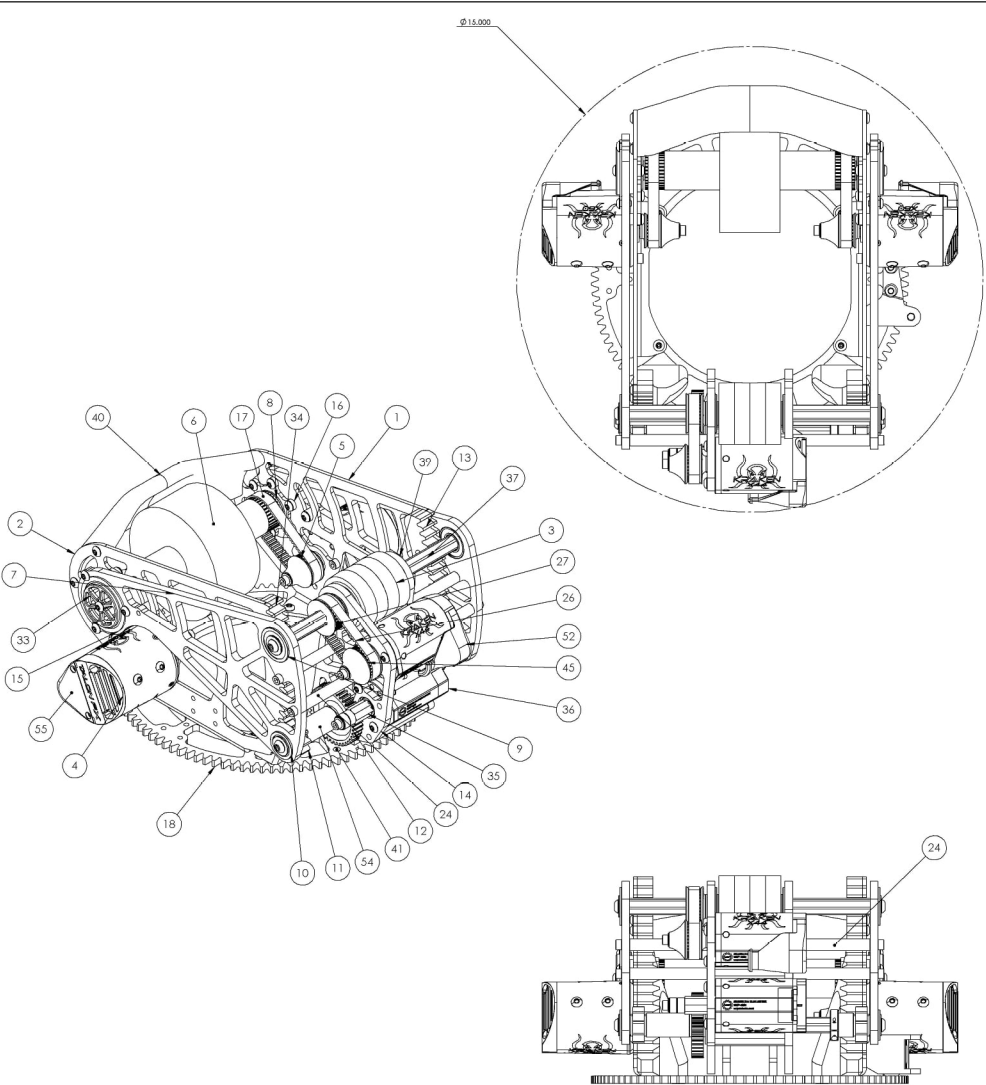
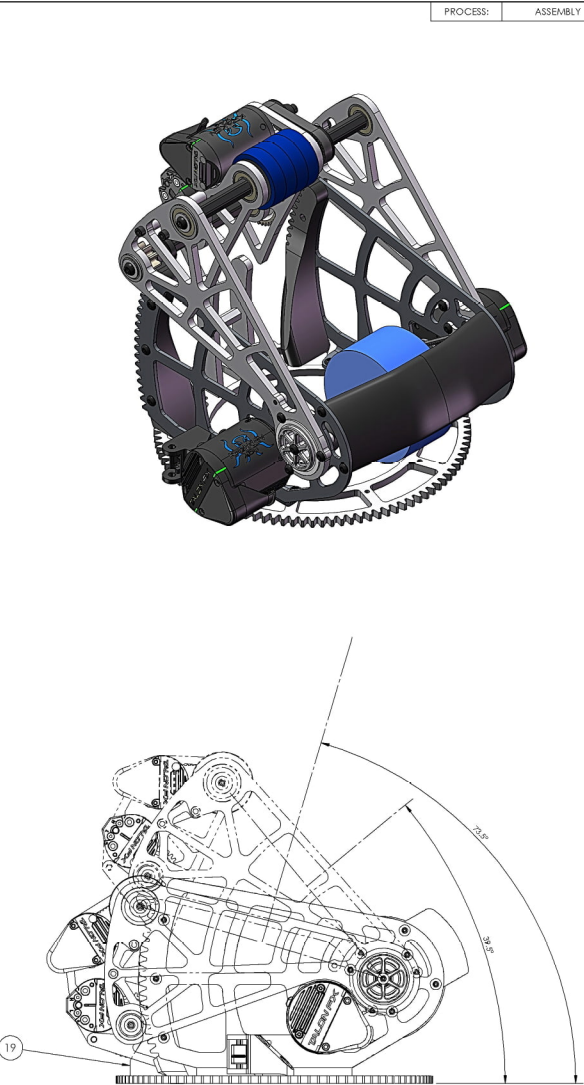


AS SHOWN:
OPPOSITE:



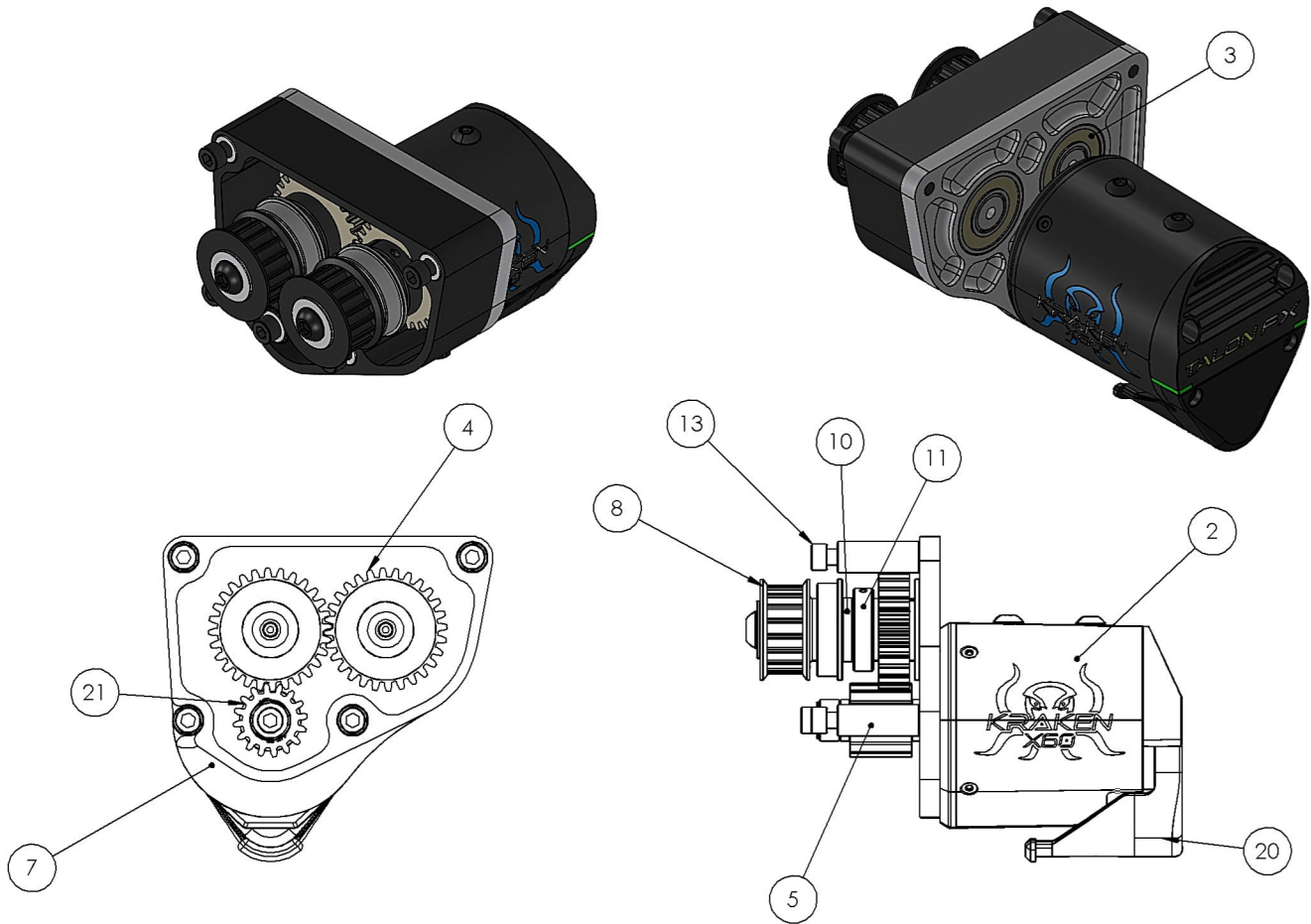
Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>			
ASSEMBLY		PRIMARY UNITS INCHES					
Finish		NO BURRS OR SHARP EDGES					
NO FINISH		TOLERANCES					
Weight	Drawn By		FRACTIONS ±1/32"		<div>DWG. NO.</div> <div>OPR26-B-A17</div>		
0.858			2 DECIMAL PLACES ±.010"				
Dimensions per OPR26-B-A17.sldprt or .step		3 DECIMAL PLACES ±.003"					
		FLAT PATTERNS ±.005"					
		ANGULAR DEGREES ±0.5°		<div>PRINTED ON 2026-10-03</div> <div>SCALE: 1:3</div> <div>SHEET 1 OF 1</div>			
		BENDS ±0.010"					

PART NUMBER	DESCRIPTION	QTY.
1	OPR26-P109-R1 SHOOTER SIDE PLATE	1
2	OPR26-P105-M SHOOTER SIDE PLATE MIRROR	1
3	AA6-31-55 2 Inch Stealth Wheel, 50A, Durometer, 300 Hex Bore	2
4	WCF-0940 Kraken X44 Powered by TalonFX	2
5	OPR26-P103-R1 28 Teeth Timing Pulley, 3mm Pitch	2
6	OPR26-A11 SHOOTER WHEEL ASSEMBLY	1
7	OPR26-P107-S2 TURRET HOOD SIDE PLATE	2
8	PR82 0.5 ID, 1.125 OD, 0.3125 WID, Ranged Shaved Ball Bearing	2
9	PR80004 13.75mm Bore, 1.125 OD, 0.3125 WID, Ranged Shaved Ball Bearing	5
10	PR82 0.375 ID, 0.875 OD, 0.281 WID, Ranged Shaved Ball Bearing	2
11	WCF-0562 101 Aluminum Spur Gear (10 DP, 1/2" Hex Bore)	2
12	WCF-0516 40 Tooth, 20DP, 1.0 Hex Bore, Aluminum Pocketed Spur Gear	1
13	OPR26-P110-R1 HOOD SECTOR GEAR	1
14	OPR26-P106-R1 DRIVE SIDE KICKER PLATE	1
15	WCF-1471 35MM ID FLANGED BALL BEARING	2
16	OPR26-P144-R1 BEARING HOUSING	2
17	WCF-0670 70 Teeth Timing Belt, 3mm Pitch, 9mm Wide, 150mm Long	2
18	OPR26-P106 TURRET GEAR	1
19	OPR26-P114 FIXED SHOOTER KICK	2
20	P1235A194 Alloy Steel Flat Head Socket Cap Screw #6-32 Thread, 0.500 Length	4
21	P1235A003 Alloy Steel Flat Head Socket Cap Screw #10-32 Thread, 0.500 Length	2
22	P1235A354 Aluminum Threaded Spacer (Standard) 0.375 Hex, 1.125 Length, #10-32 Screw Size	1
23	P1235A435 Aluminum Threaded Spacer (Standard) 0.375 Hex, 1.125 Length, #10-32 Screw Size	3
24	P2510A435 Aluminum Unthreaded Spacer 0.375 OD, 2.5 Length, #10 Screw Size	4
25	P2510A444 Aluminum Unthreaded Spacer 0.375 OD, 0.375 Length, #10 Screw Size	2
26	WCF-1046 65 Teeth Timing Belt, 3mm Pitch, 9mm Wide, 150mm Long	1
27	OPR26-P100 32 Teeth Timing Pulley, 3mm Pitch	1
28	P1235A367 Alloy Steel Button Head Socket Cap Screw #10-32 Thread, 0.425 Length	2
29	P1235A363 Alloy Steel Button Head Socket Cap Screw #10-32 Thread, 0.375 Length	16
30	P1235A261 Alloy Steel Button Head Socket Cap Screw #10-32 Thread, 0.375 Length	12
31	P1235A365 Alloy Steel Button Head Socket Cap Screw #10-32 Thread, 0.3 Length	14
32	P1235A537 Alloy Steel Button Head Socket Cap Screw 1/4"-20 Thread, 0.5 Length	2
33	OPR26-P113 FANCY WASHER	4
34	OPR26-P110-R1-M HOOD SECTOR GEAR MIRROR	1
35	WCF-1006 B1 Steel Spur Gear (20 DP, 10 Center Standard, 3mm Spaced) Sprock	1
36	WCF-0941 Kraken X44	2
37	OPR26-P111 HOOD DRIVE SHAFT	1
38	OPR26-P111-S1 HOOD DRIVE SHAFT	1
39	OPR26-P108-R1 KICKER ROLLER SIDE PLATE	1
40	OPR26-P112 SHOOTER BRIDGE	1
41	AA6-1003-HD Modular Hexodentron for 60mm, 103mm 153.0x200 Dia x 230 H (6.39mm x 7.874")	1
42	P1231A361 Back-Oxide Alloy Steel Socket Head Cap Screw #10-32 Thread, 0.5 Length	4
43	P1231A340 Back-Oxide Alloy Steel Socket Head Cap Screw #10-32 Thread, 0.3 Length	6
44	P1231A342 Back-Oxide Alloy Steel Socket Head Cap Screw #10-32 Thread, 0.3 Length	4
45	OPR26-P104-R1 32 Teeth Timing Pulley, 3mm Pitch	1
46	D17-3257 0.0625 Delrin Washer - 0.5 Hex	3
47	D17-3257 0.5 Delrin Washer - 0.5 Hex	1
48	WCF-0799 1/2" Hex Clamping Shaft Collar	1
49	WCF-1405 0.25 SpineID Kraken Spacer	2
50	P1036A013 Aluminum Flat Washer 0.6875 OD, 1/4 Center Dia	4
51	P1036A011 Aluminum Flat Washer 0.4375 OD, #10 Screw Dia	4
52	OPR26-P011 Kraken X44 Wire Guard	1
53	P2511A741 Aluminum Shim (0.03 Thick, 3/8" ID, 5/8" OD)	2
54	OPR26-P125 CUSTOM HEX SPACER	1
55	OPR26-P012 Kraken x40 Wire Guard	2
56	OPR26-B-P145-R2 TURRET CABLE CHAIN BRACKET	1



Material		UNLESS OTHERWISE SPECIFIED		OP Robotics	
ASSEMBLY		PRIMARY UNITS INCHES		SHOOTER	
Finish		NO BURRS OR SHARP EDGES		www.2056.ca	
NO FINISH		TOLERANCES		DWG. NO.	
Weight		FRACTIONS		OPR26-B-A19	
10.237		2 DECIMAL PLACES		PRINTED ON 2026-10-12	
Dimensions per OPR26-B-A19 adopt or step		3 DECIMAL PLACES		SCALE: 1:2	
		FLAT PATTERNS		SHEET 1 OF 1	
		ANGULAR DEGREES			
		BENDS			

	PART NUMBER	DESCRIPTION	QTY.
1	OPR26-B-P142	SHOOTER FEED GEARBOX	1
2	WCP-0940	Kraken X60 Powered by TalonFX	1
3	FR8ZZ	0.5 ID, 1.125 OD, 0.3125 WD, Flanged Shielded Ball Bearing	2
4	WCP-0705	28 Tooth, 20DP, 0.5 Hex Bore, Aluminum Spur Gear	2
5	92510A649	Aluminum Unthreaded Spacer 0.375 OD, 1 Length, #10 Screw Size	4
6	RB-BB004	13.75mm Rounded Hex, 1.125 OD, 0.3125 WD, Flanged Shielded Ball Bearing	2
7	OPR26-B-P143	SHOOTER FEED CONVEYOR COVER	1
8	OPR26-B-P183	18 Teeth Timing Pulley, 5mm Pitch	2
9	OPR26-P217	Gearbox Shaft	2
10	217-2758	0.125 Delrin Washer - 0.5 Hex	2
11	WCP-0799	1/2" Hex Clamping Shaft Collar	2
12	91251a287	Black-Oxide Alloy Steel Socket Head Cap Screw #10-32 Thread, 1.625 Length	2
13	McMaster Carr - Socket Head Cap Screw	Black-Oxide Alloy Steel Socket Head Cap Screw #10-32 Thread, 1.375 Length	2
14	93286A013	Aluminum Flat Washer 0.6875 OD, 1/4 Screw Size	2
15	91255A537	Alloy Steel Button Head Socket Cap Screw 1/4"-20 Thread, 0.5 Length	2
16	WCP-1404	0.125 SpineXS Kraken Spacer	2
17	WCP-1405	0.25 SpineXS Kraken Spacer	1
18	93286A011	Aluminum Flat Washer 0.4375 OD, #10 Screw Size	1
19	91251A342	Black-Oxide Alloy Steel Socket Head Cap Screw #10-32 Thread, 0.5 Length	1
20	OPRSTD-P012	Kraken x60 Wire Guard	1
21	WCP-1016	16t Steel Spur Gear (20 DP, 8mm SpineXS Bore)	1

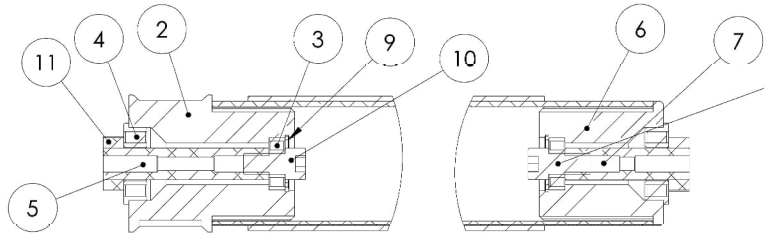


AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>		
ASSEMBLY		PRIMARY UNITS	INCHES			
Finish		NO BURRS OR SHARP EDGES		SHOOTER FEED ROLLER GEARBOX		
NO FINISH		TOLERANCES				
Weight	Drawn By	FRACTIONS ±1/32" 2 DECIMAL PLACES ±.010" 3 DECIMAL PLACES ±.003" FLAT PATTERNS ±.005" ANGULAR DEGREES ±0.5° BENDS ±0.010"		DWG. NO.		
2.079	TH			OPR26-B-A25		
Dimensions per OPR26-B-A25.sldprt or .step				PRINTED ON 27/02/2026	SCALE: 2:3	SHEET 1 OF 1

	PART NUMBER	DESCRIPTION	QTY.
1	OPR26-B-P402	Roller use McMaster 8585K207	1
2	OPR26-B-P403	25 Teeth Timina Pulley, 5mm Pitch	1
3	R4-2RS	0.25 ID, 0.625 OD, 0.196 WD, Radial Sealed Ball Bearing	2
4	WCP-0784	10.25mm Rounded Hex, 0.875 OD, 0.281 WD, Flanged Shielded Ball Bearing	2
5	OPR26-B-P401	Roller Stub Shaft	1
6	OPR26-B-P404	NON DRIVE ROLLER PLUG	1
7	OPR26-B-P405	ROLLER STUB SHAFT	1
8	OPR26-B-P406	Silicone Roller Sleeve	1
9	99142A370	Internal Retaining Ring for 5/8" ID, Black-Phosphate Spring Steel	2
10	91251A537	Black-Oxide Alloy Steel Socket Head Cap Screw 1/4-20 Thread, 0.5 Length	2
11	OPR26-B-P458-R1	ROLLER SPACER	2

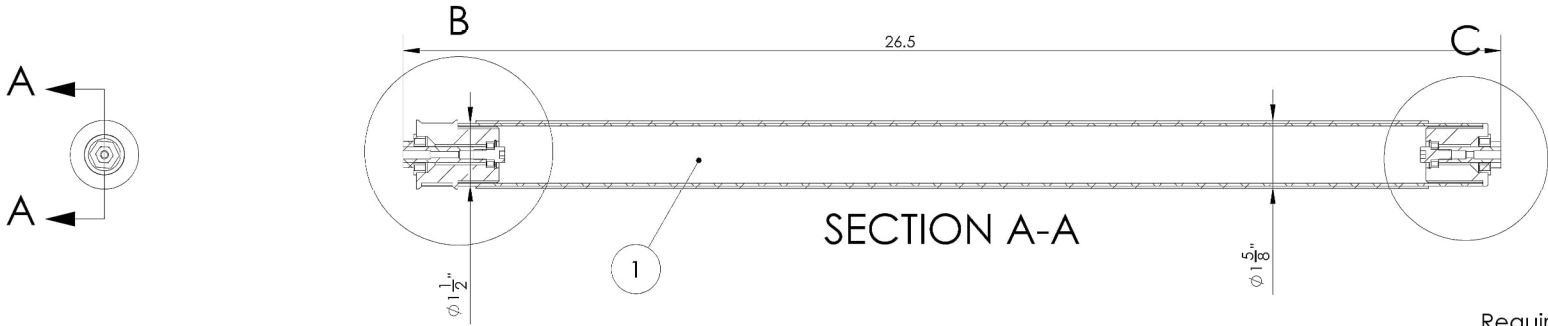


DETAIL B
SCALE 2 : 3

DETAIL C
SCALE 2 : 3

MAKE SURE TO LOCTITE
THESE BOLTS RETAINING THE
ROLLER STUB SHAFTS

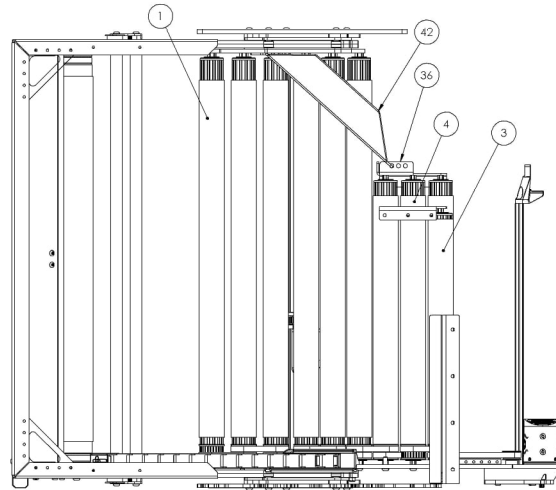
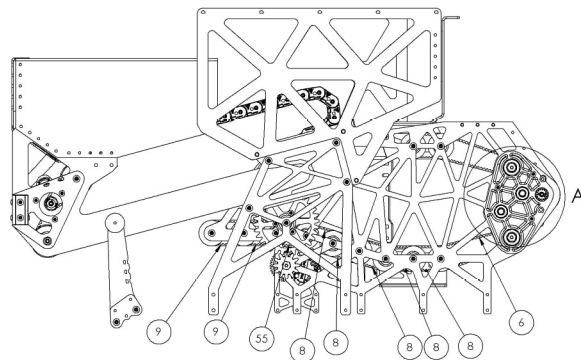
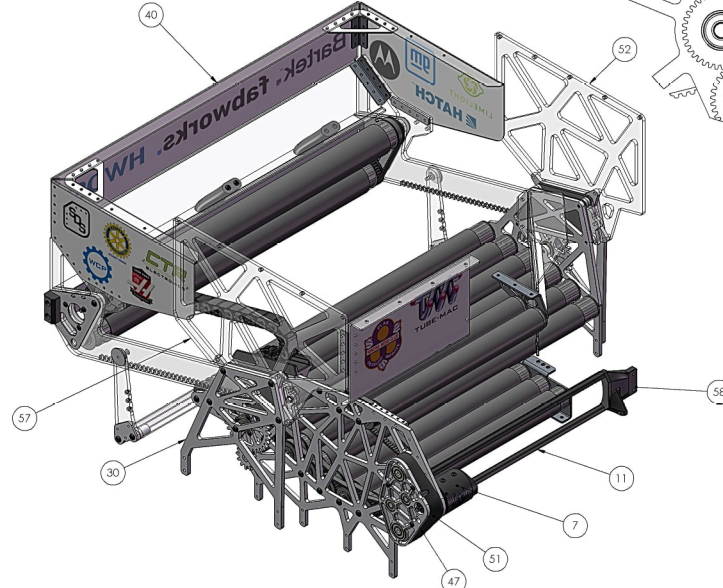
EPOXY ROLLER PLUGS IN
USE LORD 7150A/B



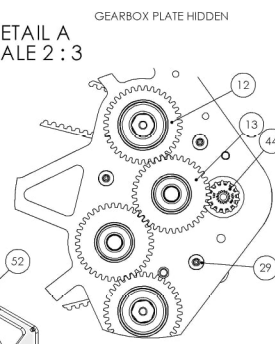
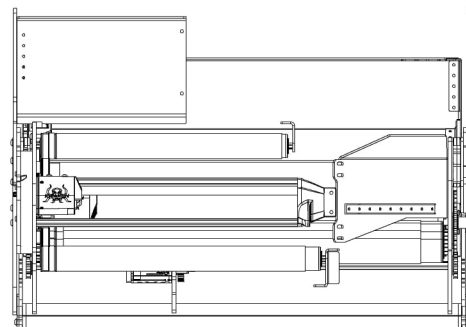
Required RH:
Required LH:



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div> <div>Hopper Roller</div>
ASSEMBLY		PRIMARY UNITS INCHES		
Finish		NO BURRS OR SHARP EDGES		
NO FINISH		TOLERANCES		
Weight	Drawn By	FRACTIONS ±1/32"		<div>DWG. NO.</div> <div>OPR26-B-A40</div> <div>PRINTED ON 2026-10-12 SCALE: 1:3 SHEET 1 OF 1</div>
0.868		2 DECIMAL PLACES ±.010"		
Dimensions per OPR26-B-A40.sldprt or .step		3 DECIMAL PLACES ±.003"		
		FLAT PATTERNS ±.005"		
		ANGULAR DEGREES ±0.5°		
		BENDS ±0.010"		



DETAIL A
SCALE 2:3



PART NUMBER	DESCRIPTION	QTY.	Supplier
1	OPR26-B-A40	6	N/A
2	OPR26-B-F450	1	FABWORKS
3	OPR26-B-A43	2	N/A
4	OPR26-B-A42	3	N/A
5	OPR26-B-F170	2	3DP
6	WCP-0619	20	WCP
7	WCP-0940	1	WCP
8	A-4R25A040090	43	WCP
9	A-4R25A040090	46	WCP
10	OPR26-B-F451	1	FABWORKS
11	OPR26-B-F173-R2	2	LATHE
12	WCP-0709	2	WCP
13	WCP-0691	2	WCP
14	WCP-0116	1	WCP
15	OPR26-B-F553	1	LATHE
16	517241	2	CHC
17	OPR26-B-A45	2	N/A
18	OPR26-B-F554	1	CHC
19	WCP-0941	1	WCP
20	OPR26-B-F515	2	3DP
21	OPR26-B-F516	2	3DP
22	OPR26-B-F517-R1	8	LATHE
23	84-395	16	USA Bearings and Balls
24	FB-88L4	7	Robotix
25	FR22	4	Robotix
26	P2641A736	8	McMaster-Carr
27	P125A546	10	McMaster-Carr
28	P125A540	12	McMaster-Carr
29	P125A274	3	McMaster-Carr
30	OPR26-B-F513	2	FABWORKS
31	OPR26-B-F519	2	LATHE
32	OPR26-B-F520	2	Fabricated
33	OPR26-B-F521	2	Fabricated
34	WCP-1006	1	WCP
35	WCP-1554	1	WCP
36	OPR26-B-F168	1	FABWORKS
37	OPR26-B-F169	1	FABWORKS
38	OPR26-B-F589	2	CHC
39	WCP-1079	1	N/A
40	OPR26-B-A51-R1	1	N/A
41	OPR26-B-F530-R1	1	3DP
42	OPR26-B-F173	1	Router
43	OPR26-B-F180	1	3DP
44	WCP-1013	1	WCP
45	WCP-0799	1	WCP
46	P125A540	1	McMaster-Carr
47	OPR26-B-F453	1	CHC
48	OPR26-B-F454	2	LATHE
49	OPR26-B-F455	2	LATHE
50	P510A647	3	McMaster-Carr
51	OPR26-B-F456-R1	1	3DP
52	OPR26-B-F584-R2	1	Router
53	OPR26-B-F1982	1	Router
54	OPR26-B-F582	1	FABWORKS
55	WCP-0160	1	WCP
56	OPR26-B-F459	1	MILL
57	OPR26-B-F586-R2	1	Router
58	OPR26-B-F144-R3	1	3DP

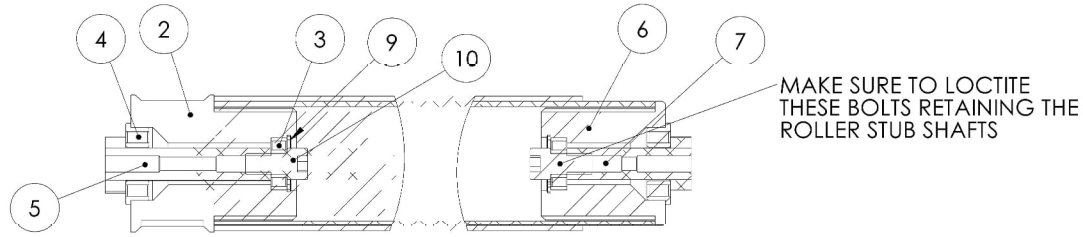
AS SHOWN:
OPPOSITE:



Material	UNLESS OTHERWISE SPECIFIED	Dwg. No.	OPR26-B-A41
ASSEMBLY	PRIMARY UNITS INCHES		
Finish	NO BURRS OR SHARP EDGES		
NO FINISH	TOLERANCES		
Weight: 34.906	Drawn By:	DATE: 2026-10-03	SCALE: 1:4
Dimensions per OPR26-B-A41 adopt or step		SHEET 1 OF 1	

	PART NUMBER	DESCRIPTION	QTY.
1	OPR26-B-P408	Roller use 8585k207	1
2	OPR26-B-P403	25 Teeth Timing Pulley, 5mm Pitch	1
3	R4-2RS	0.25 ID, 0.625 OD, 0.196 WD, Radial Sealed Ball Bearing	2
4	WCP-0784	10.25mm Rounded Hex, 0.875 OD, 0.281 WD, Flanged Shielded Ball Bearing	2
5	OPR26-B-P401	Roller Stub Shaft	1
6	OPR26-B-P404	NON DRIVE ROLLER PLUG	1
7	OPR26-B-P405	ROLLER STUB SHAFT	1
8	OPR26-B-P407	SILICONE SLEEVE	1
9	99142A370	Internal Retaining Ring for 5/8" ID, Black-Phosphate Spring Steel	2
10	91251A537	Black-Oxide Alloy Steel Socket Head Cap Screw 1/4-20 Thread, 0.5 Length	2
11	OPR26-B-P458-R1	ROLLER SPACER	2

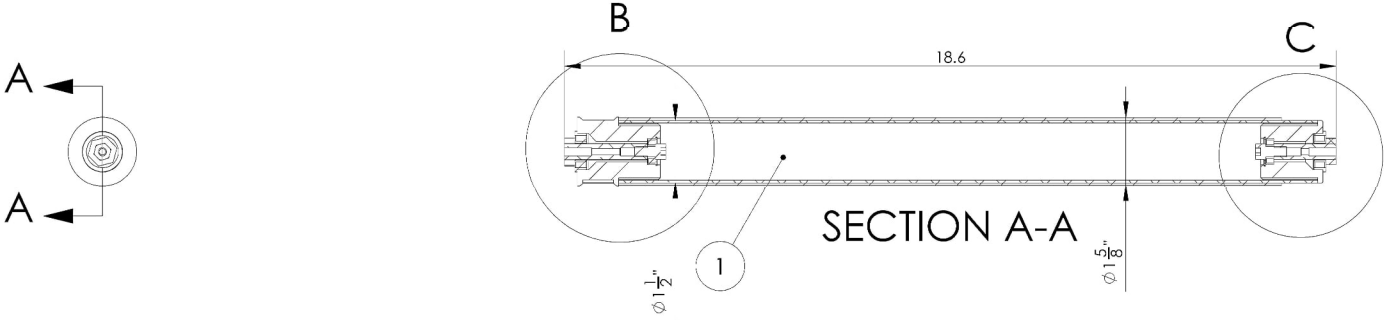
PROCESS: ASSEMBLY



DETAIL B
SCALE 2 : 3

DETAIL C
SCALE 2 : 3

EPOXY ROLLER PLUGS IN
USE LORD 7150A/B



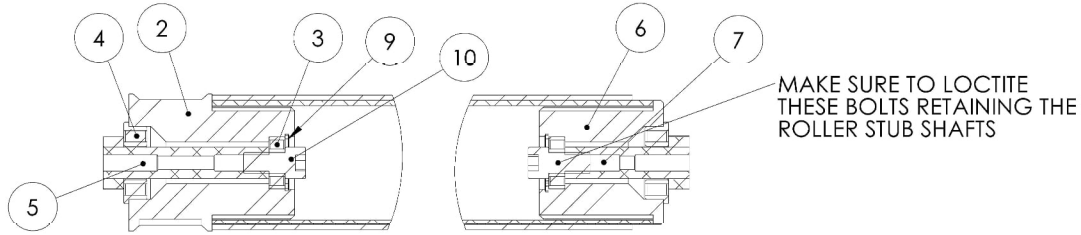
Required RH:
Required LH:



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div> <div>HOPPER ROLLER</div> <div>DWG. NO. OPR26-B-A42</div> <div>PRINTED ON 2026-10-12 SCALE: 1:3 SHEET 1 OF 1</div>
ASSEMBLY		PRIMARY UNITS INCHES		
Finish		NO BURRS OR SHARP EDGES		
NO FINISH		TOLERANCES		
Weight	Drawn By	FRACTIONS ±1/32"		
0.678		2 DECIMAL PLACES ±.010"		
		3 DECIMAL PLACES ±.003"		
		FLAT PATTERNS ±.005"		
		ANGULAR DEGREES ±0.5°		
Dimensions per OPR26-B-A42.sldprt or .step		BENDS ±0.010"		

	PART NUMBER	DESCRIPTION	QTY.
1	OPR26-B-P410	Roller use 8585k207	1
2	OPR26-B-P403	25 Teeth Timina Pulley, 5mm Pitch	1
3	R4-2RS	0.25 ID, 0.625 OD, 0.196 WD, Radial Sealed Ball Bearing	2
4	WCP-0784	10.25mm Rounded Hex, 0.875 OD, 0.281 WD, Flanged Shielded Ball Bearing	2
5	OPR26-B-P401	Roller Stub Shaft	1
6	OPR26-B-P404	NON DRIVE ROLLER PLUG	1
7	OPR26-B-P405	ROLLER STUB SHAFT	1
8	OPR26-B-P409	SILICONE SLEEVE	1
9	99142A370	Internal Retaining Ring for 5/8" ID, Black-Phosphate Spring Steel	2
10	91251A537	Black-Oxide Alloy Steel Socket Head Cap Screw 1/4-20 Thread, 0.5 Length	2
11	OPR26-B-P458-R1	ROLLER SPACER	2

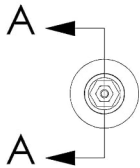
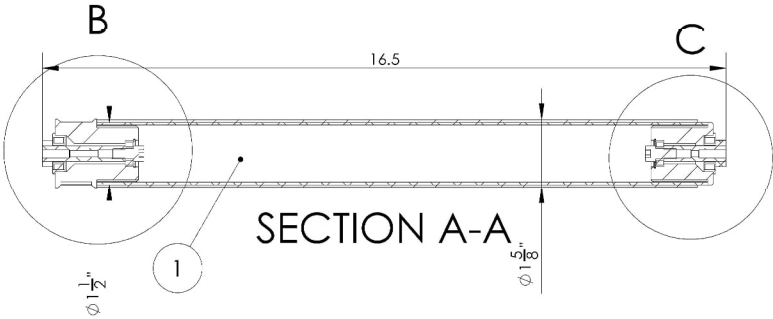
PROCESS: ASSEMBLY



DETAIL B
SCALE 2 : 3

DETAIL C
SCALE 2 : 3

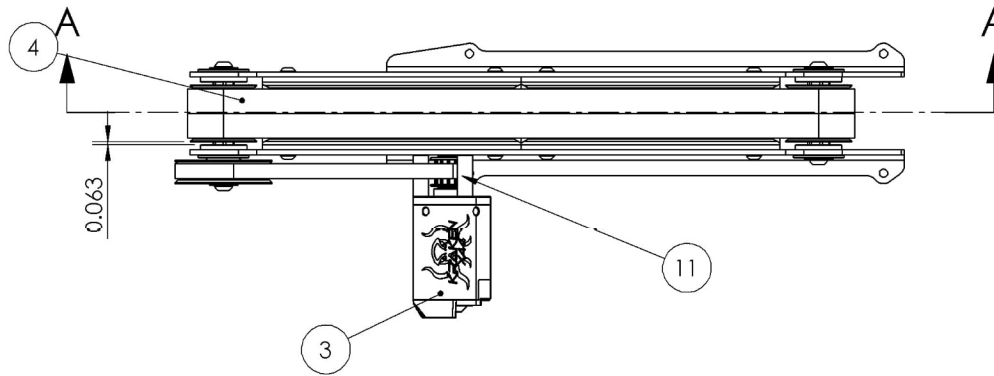
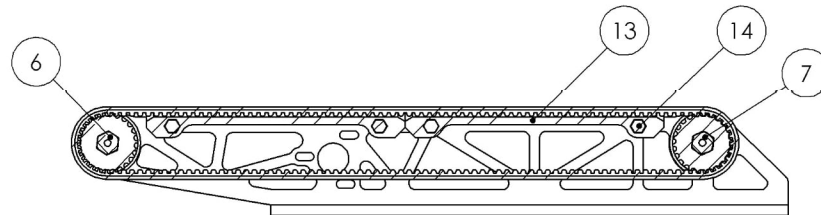
EPOXY ROLLER PLUGS IN
USE LORD 7150A/B



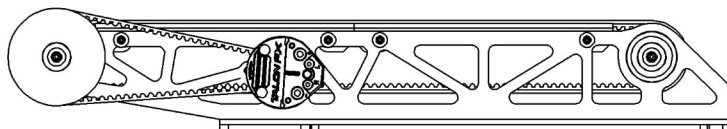
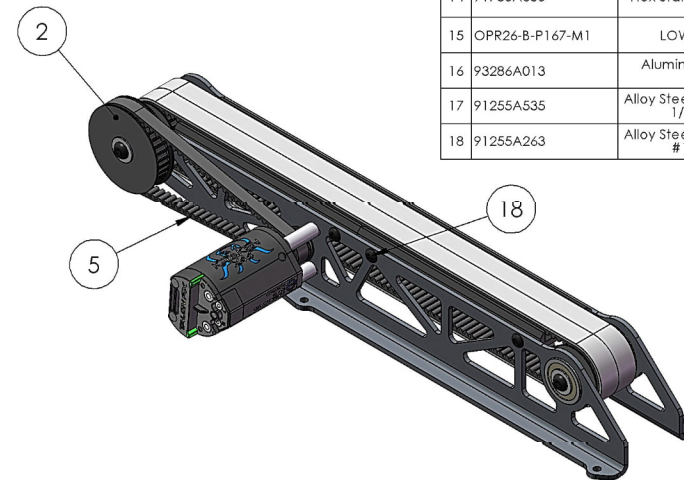
Required RH:
Required LH:



Material	UNLESS OTHERWISE SPECIFIED	OP Robotics www.2056.ca
ASSEMBLY	PRIMARY UNITS INCHES	
Finish	NO BURRS OR SHARP EDGES	DWG. NO. OPR26-B-A43
NO FINISH	TOLERANCES	
Weight	Drawn By	PRINTED ON 2026-10-12 SCALE: 1:3 SHEET 1 OF 1
0.632	Dimensions per OPR26-B-A43.sldprt or .step	
		FRACTIONS ±1/32" 2 DECIMAL PLACES ±.010" 3 DECIMAL PLACES ±.003" FLAT PATTERNS ±.005" ANGULAR DEGREES ±0.5° BENDS ±0.010"



SECTION A-A



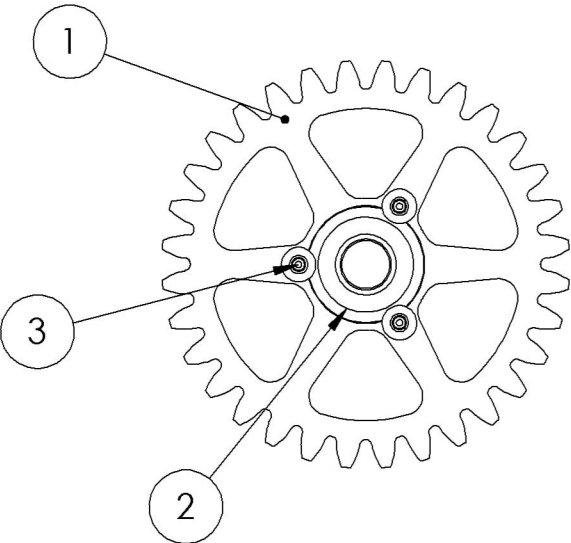
AS SHOWN: 1
OPPOSITE:

	PART NUMBER	DESCRIPTION	QTY.
1	OPR26-B-P167	LOWER INFEED CONVEYOR SIDE	1
2	OPR26-P210	36 Teeth Timing Pulley, 5mm Pitch	1
3	WCP-0941	Kraken X44	1
4	WCP-2303	170 Teeth Timing Belt, 5mm Pitch, 15mm Wide, 850mm Long	2
5	WCP-0621	80 Teeth Timing Belt, 5mm Pitch, 9mm Wide, 400mm Long	1
6	OPR26-B-P184	BELT DRIVE SHAFT	1
7	OPR26-B-P185	BELT FEED IDLER SHAFT	1
8	FR8Z2	0.5 ID, 1.125 OD, 0.3125 WD, Flanged Shielded Ball Bearing	4
9	OPR26-B-P165	24 Teeth Timing Pulley, 5mm Pitch	2
10	WCP-1017	12t x 9mm Wide Aluminum Pulley (HTD 5mm, 8mm SplineXS Bore)	1
11	92510A649	Aluminum Unthreaded Spacer 0.375 OD, 1 Length, #10 Screw Size	3
12	McMaster Carr - Socket Head Cap Screw	Black-Oxide Alloy Steel Socket Head Cap Screw #10-32 Thread, 1.375 Length	3
13	OPR26-B-P457		2
14	91780A650	Lightweight Aluminum Female Threaded Hex Standoff, 5/16" Hex Size, 1-3/4" Long, 10-32 Thread Size	4
15	OPR26-B-P167-M1	LOWER INFEED CONVEYOR SIDE	1
16	93286A013	Aluminum Flat Washer 0.6875 OD, 1/4 Screw Size	4
17	91255A535	Alloy Steel Button Head Socket Cap Screw 1/4"-20 Thread, 0.375 Length	4
18	91255A263	Alloy Steel Button Head Socket Cap Screw #10-32 Thread, 0.375 Length	8



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div> <div>BOTTOM SIDE FEED CONVEYOR</div> <div>DWG. NO.</div> <div>OPR26-B-A44</div> <div>PRINTED ON 2026-02-26 SCALE: 1:3 SHEET 1 OF 1</div>
ASSEMBLY		PRIMARY UNITS	INCHES	
Finish		NO BURRS OR SHARP EDGES		
NO FINISH		TOLERANCES		
Weight	Drawn By	FRACTIONS 2 DECIMAL PLACES 3 DECIMAL PLACES FLAT PATTERNS ANGULAR DEGREES BENDS		
2.562		±1/32" ±.010" ±.003" ±.005" ±0.5° ±0.010"		
Dimensions per OPR26-B-A44.sldprt or .step				

	PART NUMBER	DESCRIPTION	QTY.	PROCESS:	N/A
1	5172T23	INTAKE EXTENSION IDLER GEAR (40T, 8DP)	1		
2	FR8ZZ	0.5 ID, 1.125 OD, 0.3125 WD, Flanged Shielded Ball Bearing	1		
3	91255A261	Alloy Steel Button Head Socket Cap Screw #10-32 Thread, 0.25 Length	3		



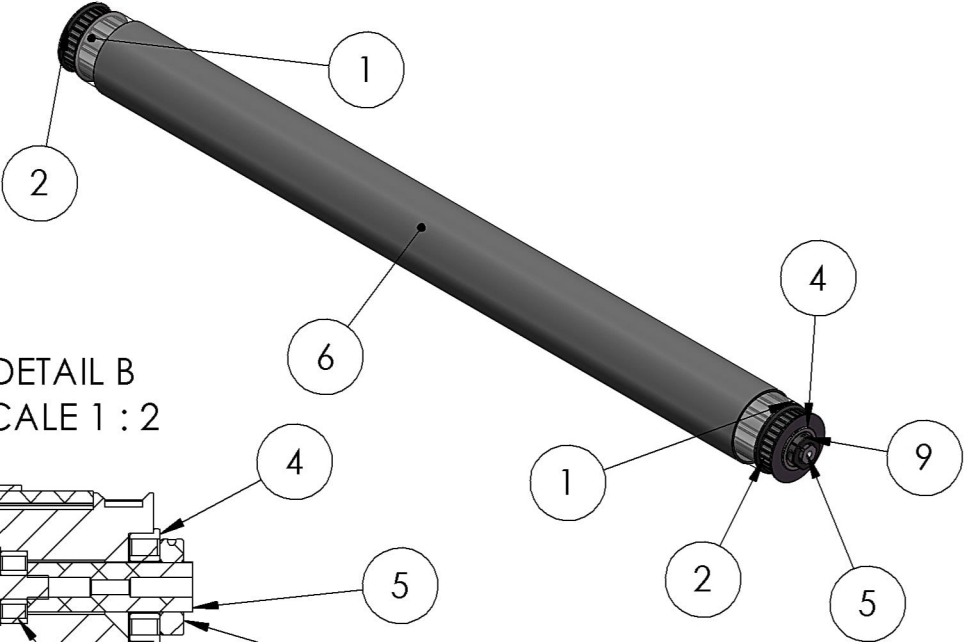
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OPPOSITE:



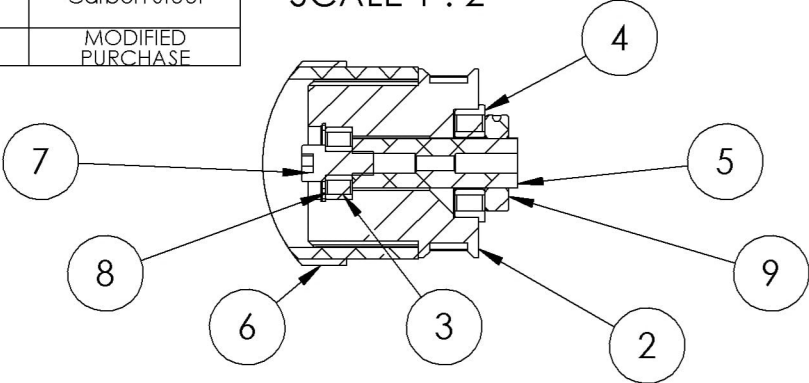
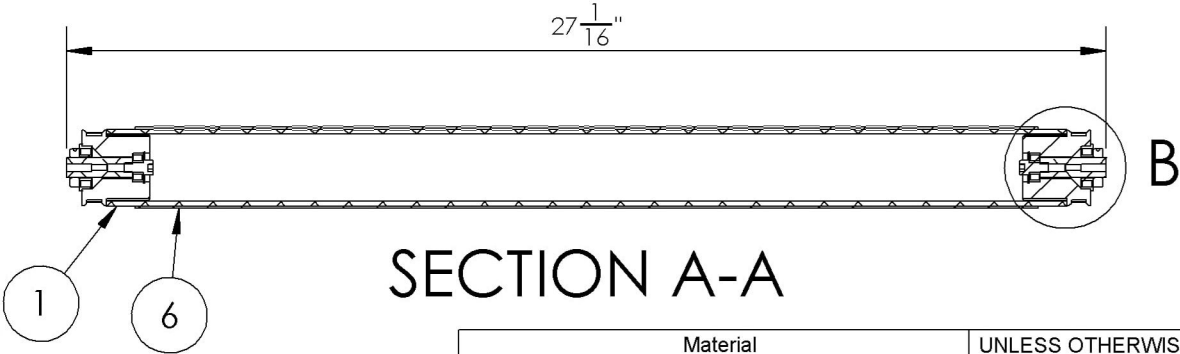
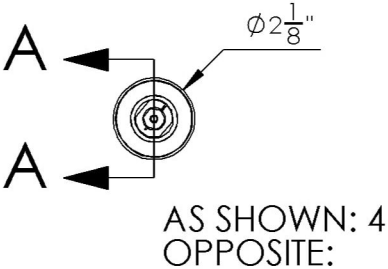
Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div> <div>Idler Gear</div> <div>DWG. NO. OPR26-B-A45</div> <div>PRINTED ON 27/02/2026SCALE: 1:2SHEET 1 OF 1</div>		
ASSEMBLY		PRIMARY UNITS	INCHES			
Finish		NO BURRS OR SHARP EDGES				
NO FINISH		TOLERANCES				
Weight	Drawn By	FRACTIONS ±1/32" 2 DECIMAL PLACES ±.010" 3 DECIMAL PLACES ±.003" FLAT PATTERNS ±.005" ANGULAR DEGREES ±0.5° BENDS ±0.010"				
0.201	TH					
Dimensions per OPR26-B-A45.sldprt or .step						

	PART NUMBER	DESCRIPTION	QTY.	Material
1	OPR26-B-P501	Intake Roller use 8585k26	1	2.000"OD, 0.125" Wall Lexan Round Tube 25.000" Long
2	OPR26-B-P503-R1	30 Teeth Timing Pulley, 5mm Pitch	2	ESun EPA-CF
3	R4A-2RS	0.25 ID, 0.75 OD, 0.281 WD, Radial Sealed Ball Bearing	2	SS
4	RB-BB004	13.75mm Rounded Hex, 1.125 OD, 0.3125 WD, Flanged Shielded Ball Bearing	2	SS
5	OPR26-B-P502	INTAKE ROLLER STUB SHAFT	2	7075-T6 0.500" Rounded Hex 1.719" Long
6	OPR26-B-P500		1	2.125"OD, 0.063" Wall POLYURETHANE Round Tube 23.500" Long
7	91251A537	Black-Oxide Alloy Steel Socket Head Cap Screw 1/4-20 Thread, 0.5 Length	2	Alloy Steel
8	99142A390	Internal Retaining Ring for 3/4" ID, Black-Phosphate 1060-1090 Spring Steel	2	Carbon Steel
9	OPR26-B-P590	SHAFT COLLAR WITH FLATS	2	MODIFIED PURCHASE

PROCESS:	N/A
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DETAIL B
SCALE 1 : 2

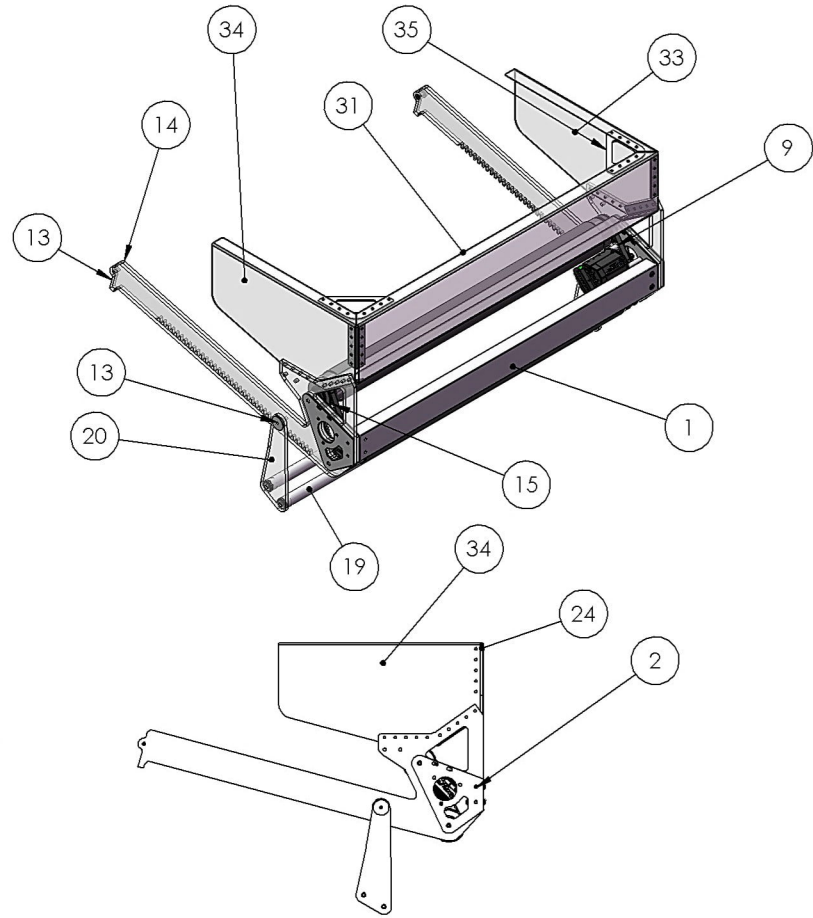
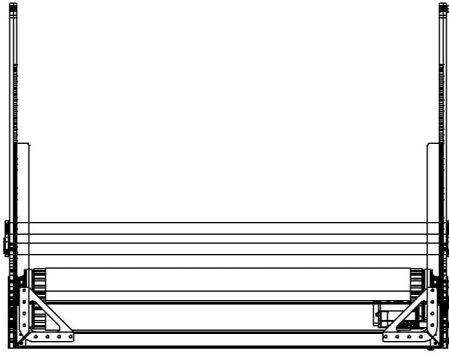
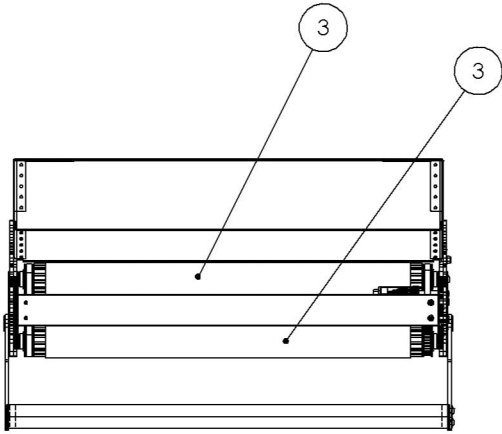


Material		UNLESS OTHERWISE SPECIFIED	
ASSEMBLY		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32$ "
1.656		2 DECIMAL PLACES	$\pm .010$ "
		3 DECIMAL PLACES	$\pm .003$ "
		FLAT PATTERNS	$\pm .005$ "
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	± 0.010 "
Dimensions per OPR26-B-A50.sldprt or .step			

OP Robotics			www.2056.ca
Intake Roller			
DWG. NO. OPR26-B-A50			
PRINTED ON 2026-10-12	SCALE: 1:5	SHEET 1 OF 1	



PART NUMBER	DESCRIPTION	QTY.
1 OPR26-B-P550	INTAKE FRAME RAIL	1
2 WCP-0374	Tube Plug (2"x1"x0.125", #10-32 Tapped)	2
3 OPR26-B-A50		2
4 OPR26-B-P510	INTAKE WASHER PLATE	4
5 OPR26-B-P511	Intake Side Plates	2
6 OPR26-B-P512	Intake Rack	2
7 WCP-0940	Kraken X60 Powered by TalonFX	1
8 WCP-1634	18f x 9mm Wide Aluminum Pulley (HTD 3mm, 8mm Splices Bore)	1
9 A 6R25M048090	48 Teeth Timing Belt, 3mm Pitch, 9mm Wide, 240mm Long	1
10 OPR26-B-P555	Intake Kicker Bar Bracket	1
11 OPR26-B-P556	KICKER BAR	2
12 OPR26-B-P555-M		1
13 OPR26-B-P514	INTAKE KICKER BAR BUSHING	2
14 92661A743	Aluminum Shim 0.063 Thick, 1/2" ID, 3/4" OD	1
15 WCP-0620	75 Teeth Timing Belt, 3mm Pitch, 9mm Wide, 375mm Long	1
16 94290A510	Tube-Connecting Nut for 0.62" to 0.65" Tube ID, 1/4"-20 Thread Size	4
17 92510A650	Aluminum Unthreaded Spacer 0.375 OD, 1.25 Length, #10 Screw Size	3
18 91253A008	Alloy Steel Flat Head Socket Cap Screw #10-32 Thread, 0.750 Length	2
19 91255A263	Alloy Steel Button Head Socket Cap Screw #10-32 Thread, 0.375 Length	4
20 91255A540	Alloy Steel Button Head Socket Cap Screw 1/4"-20 Thread, 0.75 Length	2
21 93286A013	Aluminum Flat Washer 0.6875 OD, 1/4" Screw Size	2
22 91255A542	Alloy Steel Button Head Socket Cap Screw 1/4"-20 Thread, 1 Length	1
23 OPR26-B-P581	Hopper Front	1
24 OPR26-B-P582	HOPPER ANGLE BRACKET	4
25 OPR26-B-P583	Hopper Sides	1
26 OPR26-B-P583-M		1
27 OPR26-B-P585	Hopper Gusset	2
28 91255A278	Alloy Steel Button Head Socket Cap Screw #10-32 Thread, 2 Length	3
29 91255A273	Alloy Steel Button Head Socket Cap Screw #10-32 Thread, 1 Length	2
30 93298A109	Medium-Strength Steel Nylon-Insert Flange Locknut, Grade 5, Zinc-Plated, 10-32 Thread Size	1

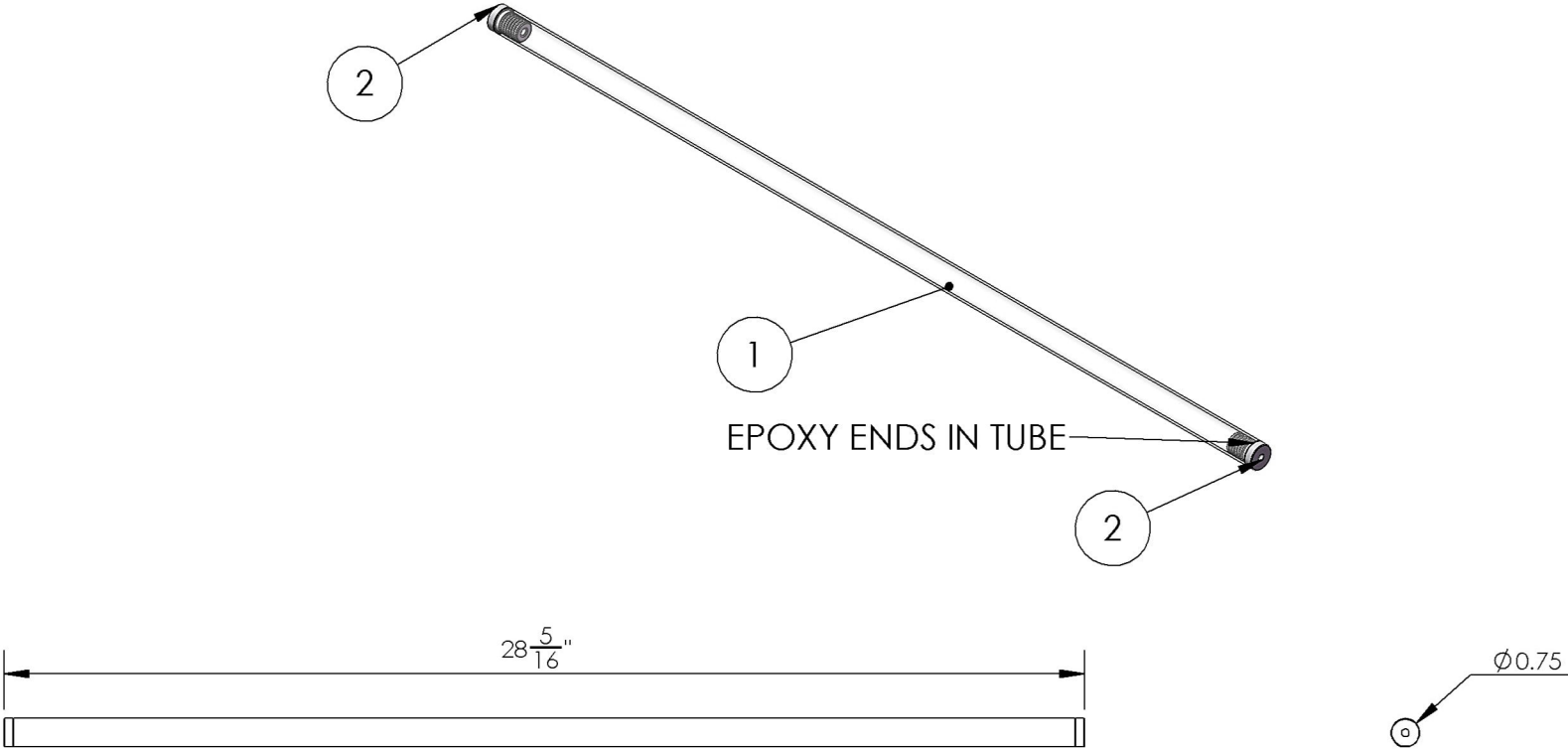


AS SHOWN:
OPPOSITE:



Material	UNLESS OTHERWISE SPECIFIED	OP Robotics www.2056.ca
ASSEMBLY	PRIMARY UNITS INCHES	
Finish	NO BURRS OR SHARP EDGES	DWG. NO. OPR26-B-A51
NO FINISH	TOLERANCES	
Weight	Drawn By	PRINTED ON 27/02/2026 SCALE: 1:8 SHEET 1 OF 1
11.720		
Dimensions per OPR26-B-A51.sldprt or .step		
		FRACTIONS ±1/32" 2 DECIMAL PLACES ±.010" 3 DECIMAL PLACES ±.003" FLAT PATTERNS ±.005" ANGULAR DEGREES ±0.5° BENDS ±0.010"

	PART NUMBER	DESCRIPTION	QTY.	Material		PROCESS:	N/A
1	OPR26-B-P557-R2	INTAKE KICKER TUBE	1	0.750"OD, 0.063" Wall Lexan Round Tube 27.813" Long			
2	OPR26-B-P558	3/4" Tube end plug	2	0.750" 6061-T6 Round Bar 1.000" Long			



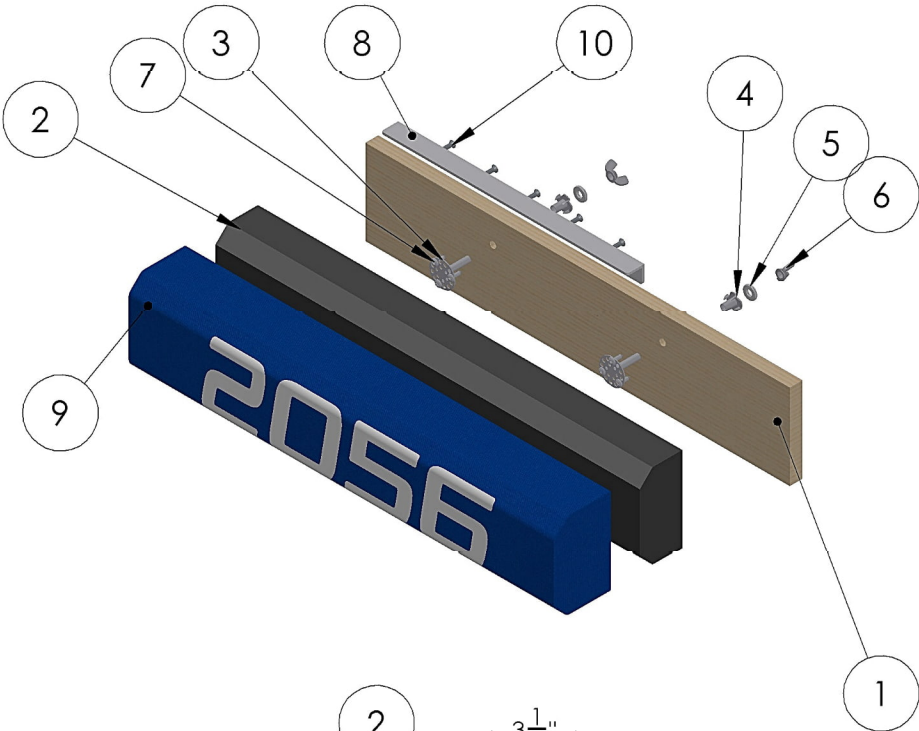
AS SHOWN: 4
OPPOSITE:



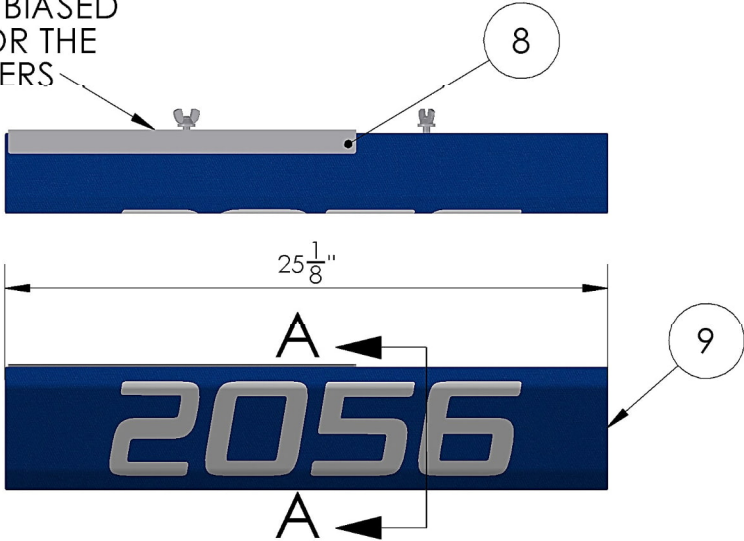
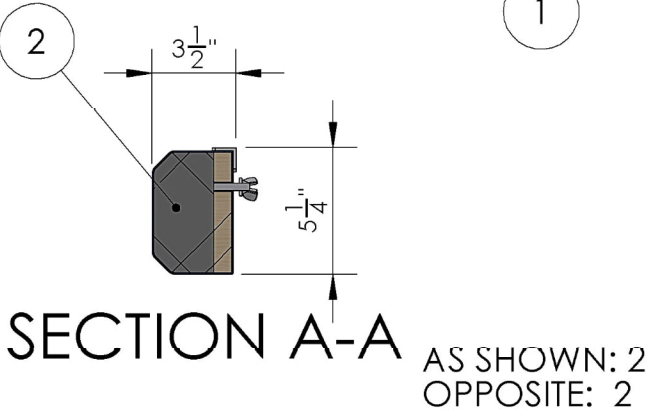
Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>			
ASSEMBLY		PRIMARY UNITS INCHES					
Finish		NO BURRS OR SHARP EDGES		Bottom Kicker Bar			
N/A		TOLERANCES					
Weight	Drawn By		FRACTIONS ±1/32"		DWG. NO. OPR26-B-A52-R2		
0.216			2 DECIMAL PLACES ±.010"				
Dimensions per OPR26-B-A52-R2.sldprt or .step			3 DECIMAL PLACES ±.003"		PRINTED ON 2026-10-12 SCALE: 1:5 SHEET 1 OF 1		
			FLAT PATTERNS ±.005"				
			ANGULAR DEGREES ±0.5°				
			BENDS ±0.010"				

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	OPR26-B-P800	Side Bumper Backing	1
2	OPR26-B-P801	Side Bumper Foam (WCP-2498)	1
3	97590A440	Adhesive-Mount Studs Zinc-Plated Steel, 5/16"-18 Thread, 1-1/2" Long	2
4	90975A036	Steel Tee Nut Inserts Zinc-Plated, 5/16"-18 Thread Size, 0.688" Installed Length	2
5	92510A586	5/16 ID x 1/8" Aluminum Spacer	2
6	90866A030	Zinc-Plated Steel Wing Nut 5/16"-18 Thread Size, 9/16" Base Diameter	2
7	91070A258	Rounded Head Screws for Plywood and OSB	6
8	OPR26-B-P802	Bumper Reinforcing Channel	1
9	OPR26-B-P803	Side Bumper Fabric	1
10	90610A245	Zinc-Plated Steel Screw for Wood Flat Square Drive, NO 10 Size, 3/4" Length	5

PROCESS:	BUMPER
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MOUNT ANGLE BIASED TO THE RIGHT FOR THE OPPOSITE BUMPERS



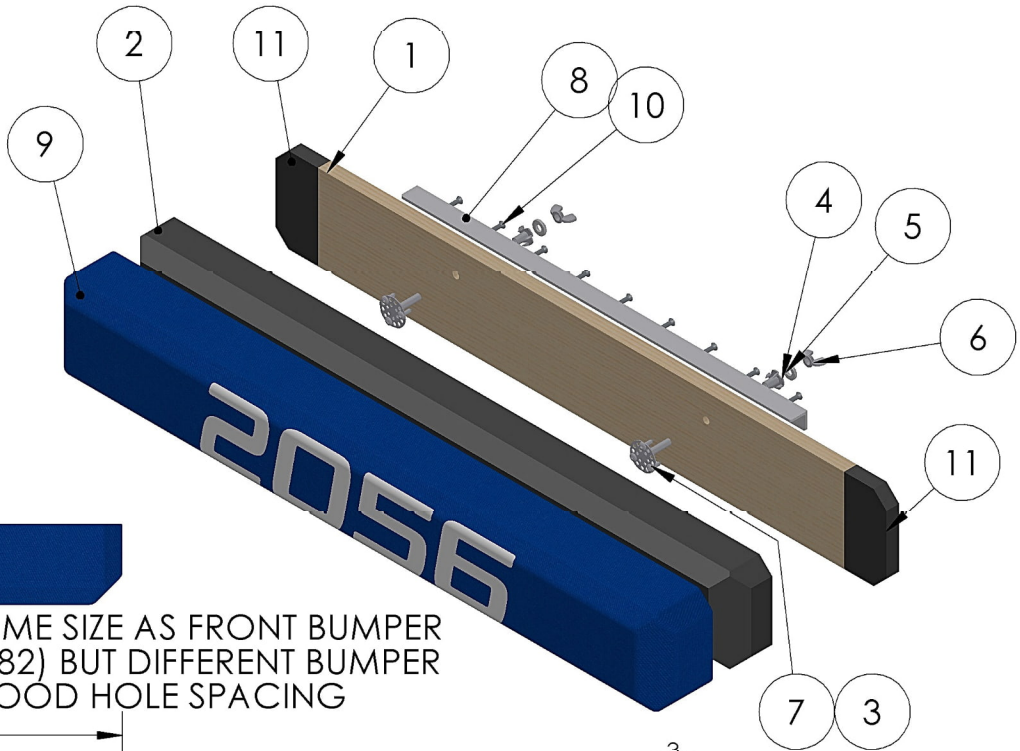
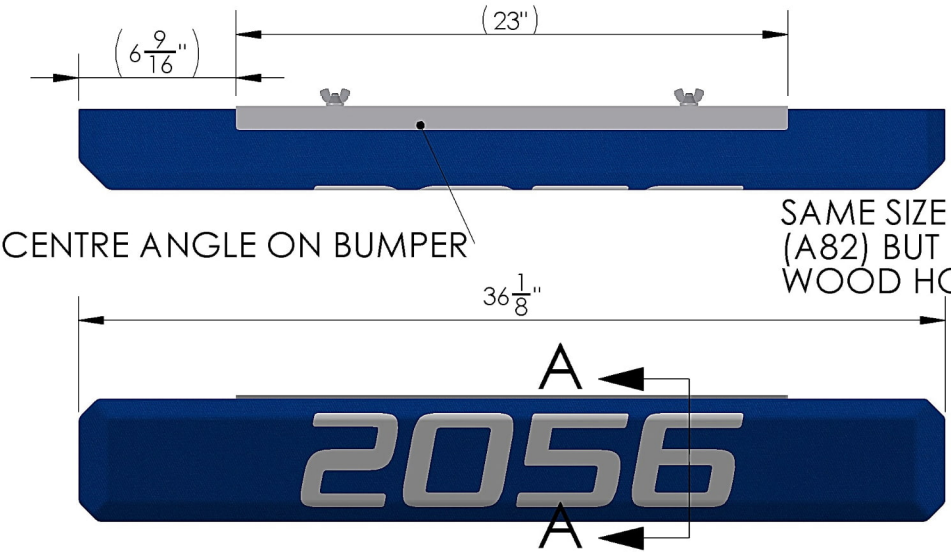
Qty	Colour
1 AS SHOWN, 1 OPPOSITE	BLUE
1 AS SHOWN, 1 OPPOSITE	RED

Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>			
N/A		PRIMARY UNITS INCHES					
Finish		NO BURRS OR SHARP EDGES		SIDE BUMPER			
N/A		TOLERANCES					
Weight	Drawn By		FRACTIONS ± 1/32"		DWG. NO. OPR26-B-A80		
3.899	BP		2 DECIMAL PLACES ±.010"				
			3 DECIMAL PLACES ±.003"				
			FLAT PATTERNS ±.005"				
Dimensions per OPR26-B-A80.sldprt or .step			ANGULAR DEGREES ±0.5 °		PRINTED ON 2026-02-23 SCALE: 1:8 SHEET 1 OF 1		
			BENDS ±0.010"				

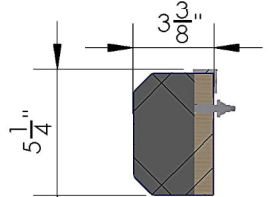


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	OPR26-B-P810	Rear Bumper Backing	1
2	OPR26-B-P811	Long Bumper Foam (WCP-2498)	1
3	97590A440	Adhesive-Mount Studs Zinc-Plated Steel, 5/16"-18 Thread, 1-1/2" Long	2
4	90975A036	Steel Tee Nut Inserts Zinc-Plated, 5/16"-18 Thread Size, 0.688" Installed Length	2
5	92510A586	5/16 ID x 1/8" Aluminum Spacer	2
6	90866A030	Zinc-Plated Steel Wing Nut 5/16"-18 Thread Size, 9/16" Base Diameter	2
7	91070A258	Rounded Head Screws for Plywood and OSB	6
8	OPR26-B-P812	Bumper Reinforcing Channel	1
9	OPR26-B-P813	Front/Rear Bumper Fabric	1
10	90610A245	Zinc-Plated Steel Screw for Wood Flat Square Drive, NO 10 Size, 3/4" Length	9
11	OPR26-B-P814	Corner Bumper Foam	2

PROCESS:	BUMPER
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SAME SIZE AS FRONT BUMPER (A82) BUT DIFFERENT BUMPER WOOD HOLE SPACING



SECTION A-A AS SHOWN: 2 OPPOSITE:

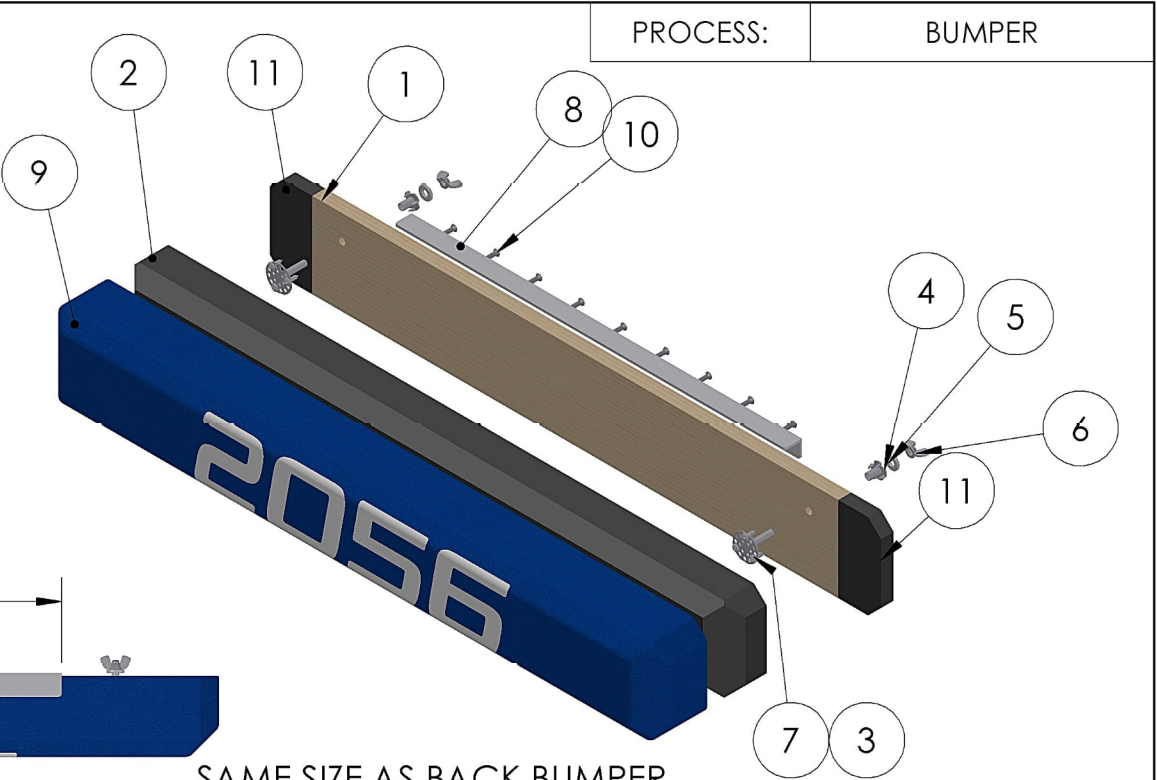
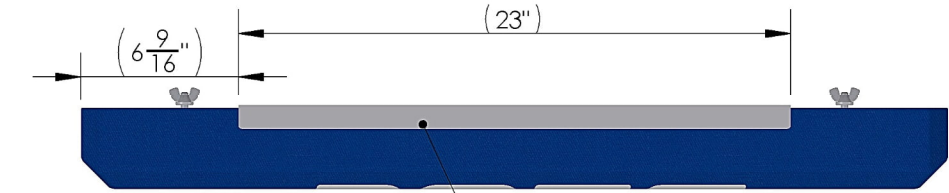
Qty	Colour
1	BLUE
1	RED

Material		UNLESS OTHERWISE SPECIFIED	
ASSEMBLY		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
5.150	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-A81.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

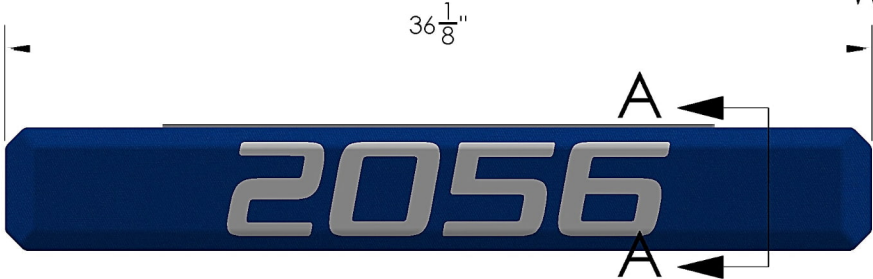
OP Robotics			www.2056.ca
BACK BUMPER			
DWG. NO. OPR26-B-A81			
PRINTED ON 2026-02-23	SCALE: 1:8	SHEET 1 OF 1	



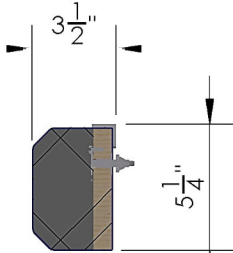
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	OPR26-B-P820	FRONT BUMPER BACKING	1
2	OPR26-B-P811	Long Bumper Foam (WCP-2498)	1
3	97590A440	Adhesive-Mount Studs Zinc-Plated Steel, 5/16"-18 Thread, 1-1/2" Long	2
4	90975A036	Steel Tee Nut Inserts Zinc-Plated, 5/16"-18 Thread Size, 0.688" Installed Length	2
5	92510A586	5/16 ID x 1/8" Aluminum Spacer	2
6	90866A030	Zinc-Plated Steel Wing Nut 5/16"-18 Thread Size, 9/16" Base Diameter	2
7	91070A258	Rounded Head Screws for Plywood and OSB	6
8	OPR26-B-P812	Bumper Reinforcing Channel	1
9	OPR26-B-P813	Front/Rear Bumper Fabric	1
10	90610A245	Zinc-Plated Steel Screw for Wood Flat Square Drive, NO 10 Size, 3/4" Length	9
11	OPR26-B-P814	Corner Bumper Foam	2



CENTRE ANGLE ON BUMPER



SAME SIZE AS BACK BUMPER (A81) BUT DIFFERENT BUMPER WOOD HOLE SPACING



SECTION A-A AS SHOWN: 2 OPPOSITE:

Qty	Colour
1	BLUE
1	RED

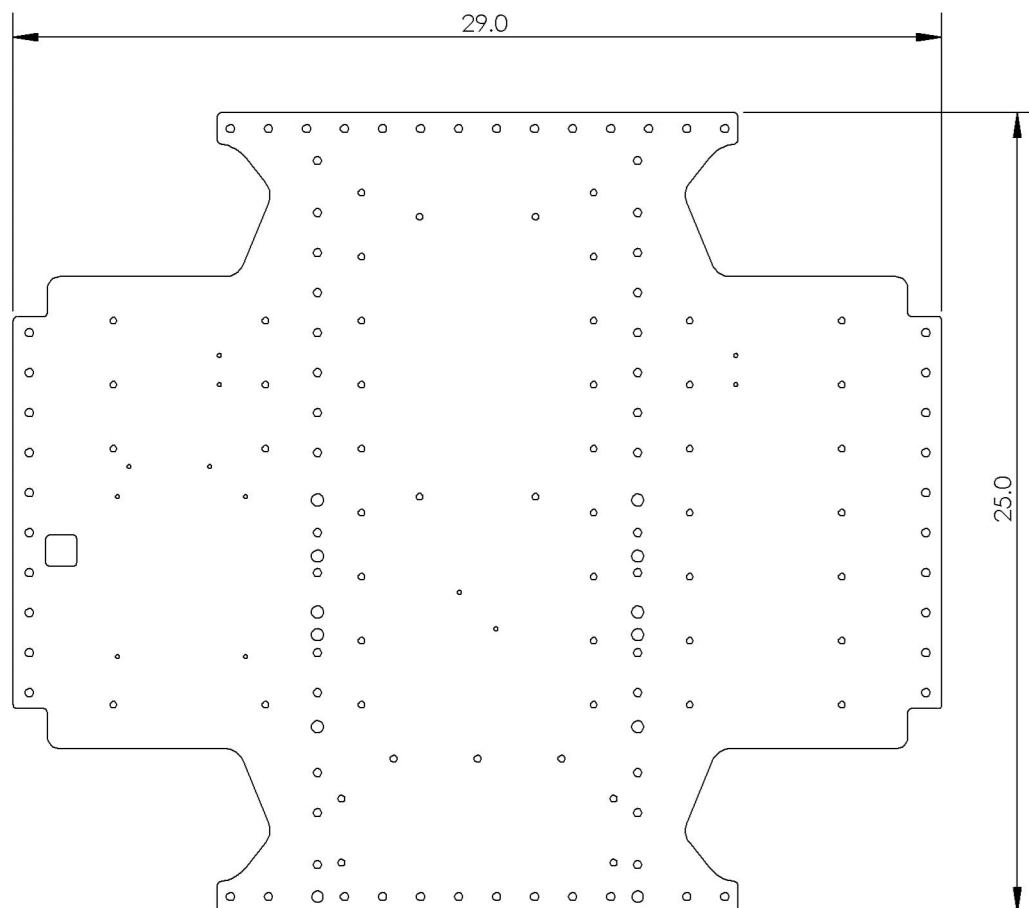
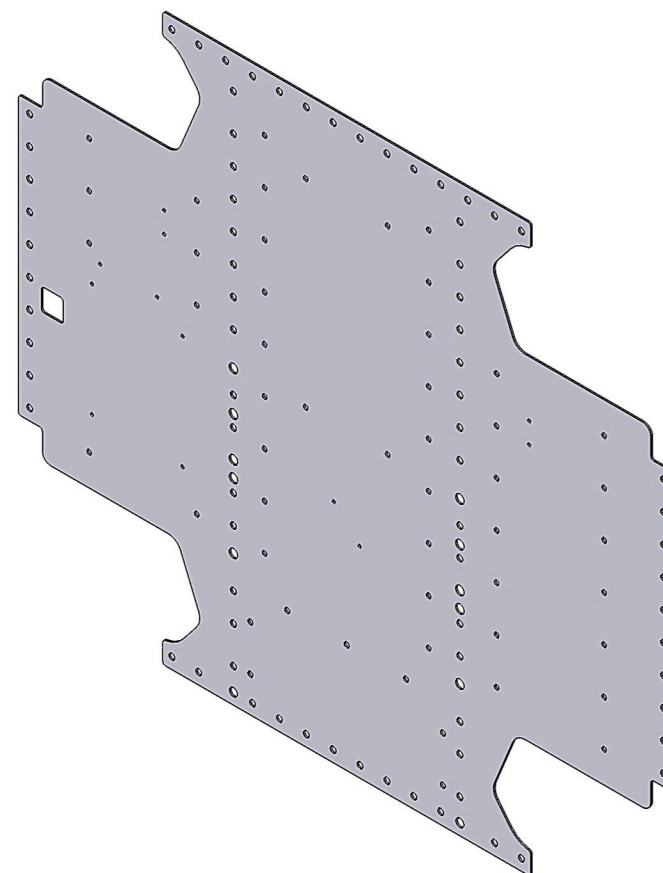


Material		UNLESS OTHERWISE SPECIFIED	
ASSEMBLY		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
5.150	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-A82.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics			www.2056.ca
FRONT BUMPER			
DWG. NO. OPR26-B-A82			
PRINTED ON 2026-02-23		SCALE: 1:8	SHEET 1 OF 1

PROCESS:

FABWORKS



AS SHOWN: 1
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
0.063 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
3.426	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P001.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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BASEPLATE

DWG. NO.

OPR26-B-P001

PRINTED ON 2026-09-29

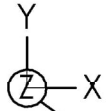
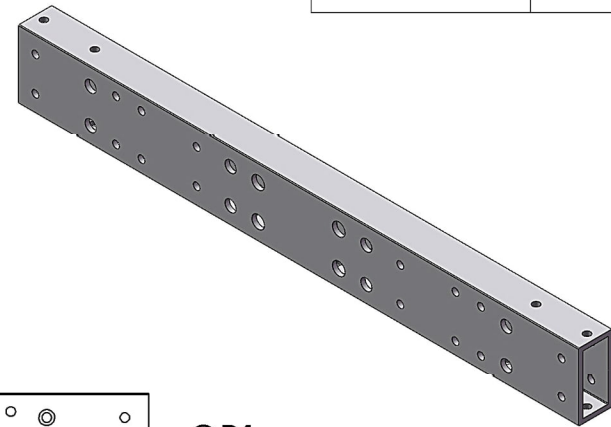
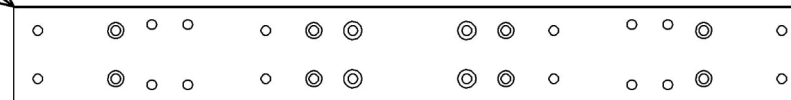
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SHEET 1 OF 1

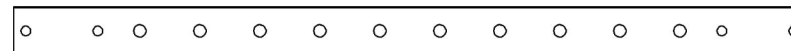
PROCESS:

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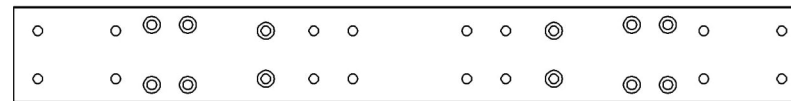
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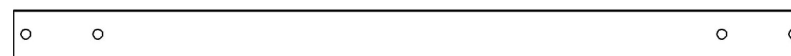
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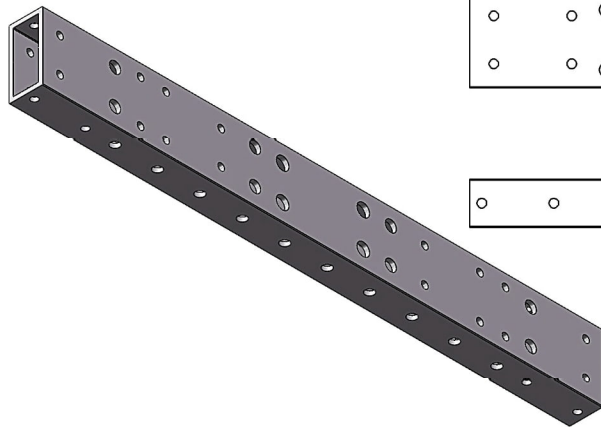
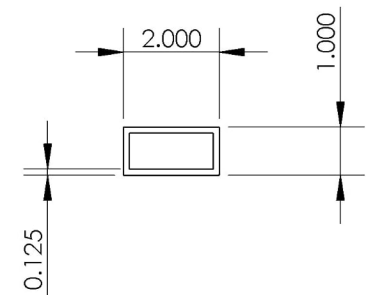
OP2



OP3



OP4



AS SHOWN: 4
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
2.000000 x 1.000000 x 0.125000 6061-T6 Tubing		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
1.057	JS	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P002.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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SIDE FRAME RAIL

DWG. NO.

OPR26-B-P002

PRINTED ON 2026-02-21

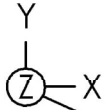
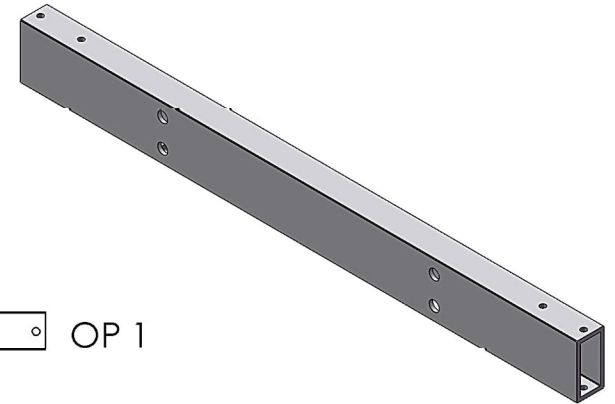
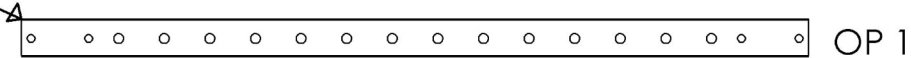
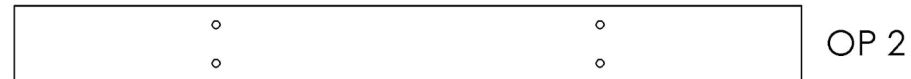
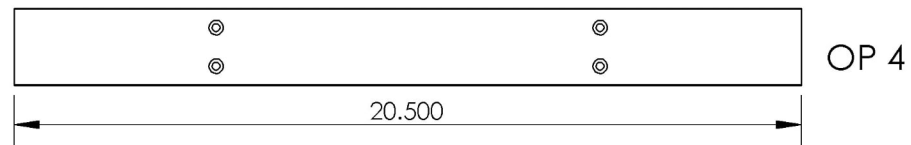
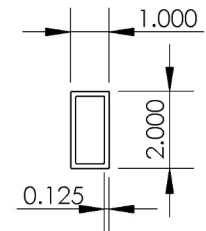
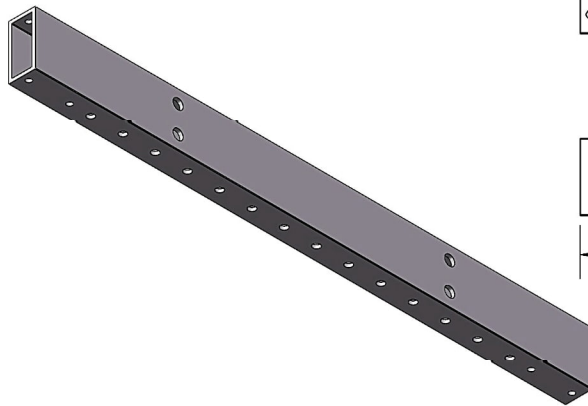
SCALE: 1:4

SHEET 1 OF 1

PROCESS:

CNC

TOP LEFT ORIGIN TYP

AS SHOWN: 2
OPPOSITE: 0

Material		UNLESS OTHERWISE SPECIFIED	
2.000000 x 1.000000 x 0.125000 6061-T6 Tubing		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
1.356	JS	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P003.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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FRONT FRAME RAIL

DWG. NO.

OPR26-B-P003

PRINTED ON 2026-02-21

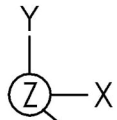
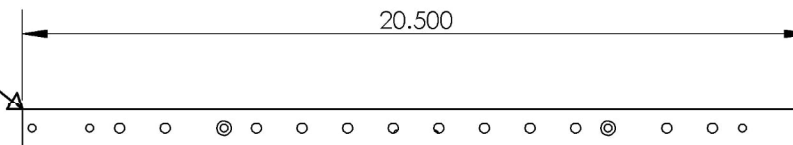
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SHEET 1 OF 1

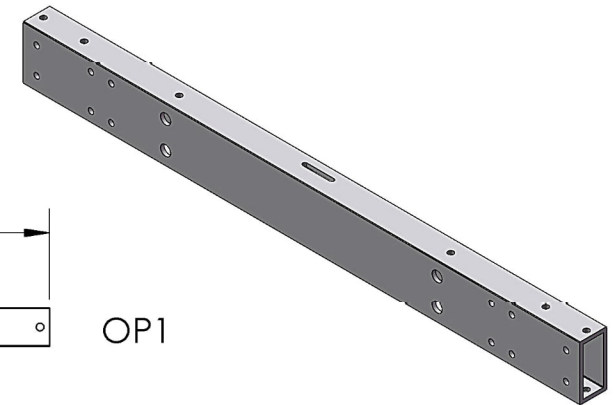


PROCESS:

CNC

TOP LEFT ORIGIN
TYP

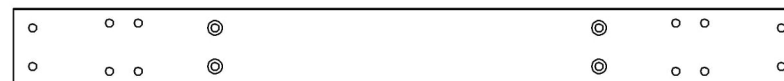
OP1



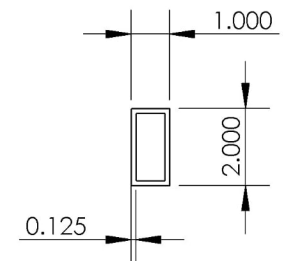
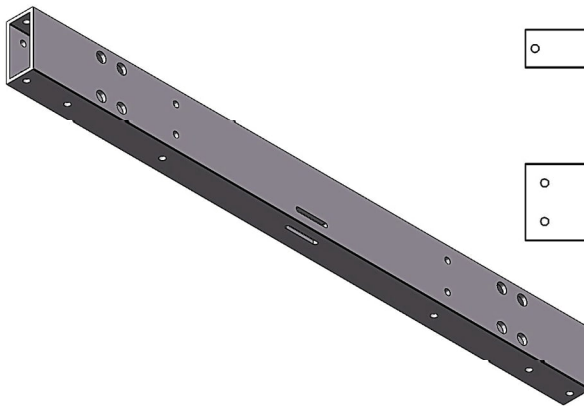
OP2



OP3



OP4

AS SHOWN: 1
OPPOSITE: 0

Material		UNLESS OTHERWISE SPECIFIED	
2.000000 x 1.000000 x 0.125000 6061-T6 Tubing		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
1.336	JS	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P004.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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REAR FRAME RAIL

DWG. NO.

OPR26-B-P004

PRINTED ON 2026-02-22

SCALE: 1:5

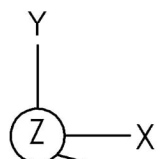
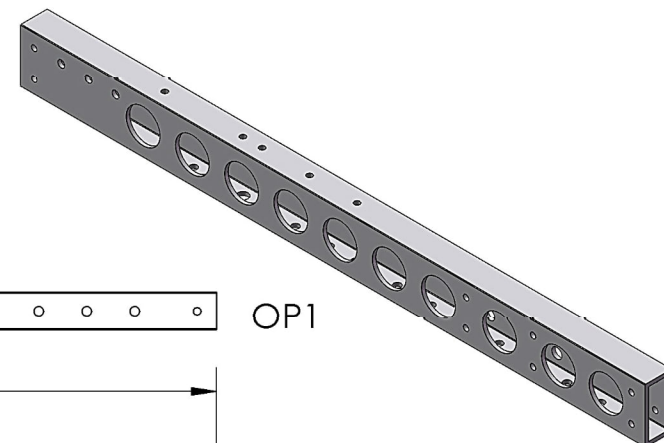
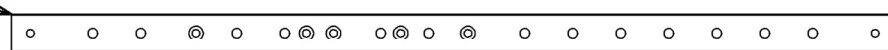
SHEET 1 OF 1



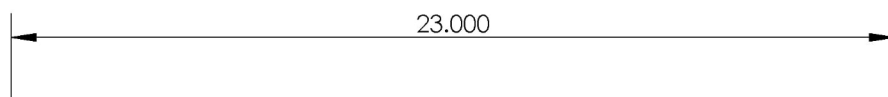
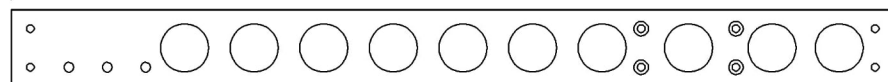
TOP LEFT ORIGIN TYP

PROCESS:

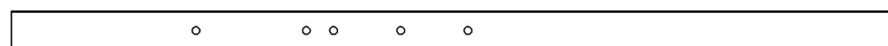
CNC



OP1



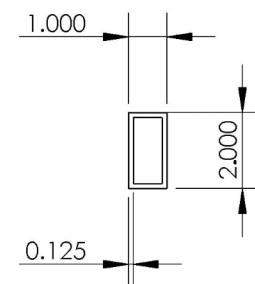
OP2



OP3



OP4



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
2.000 x 1.000 x 0.125 6061-T6 Tubing		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
1.212	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P005.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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CROSS MEMBER

DWG. NO.

OPR26-B-P005

PRINTED ON 2026-02-23

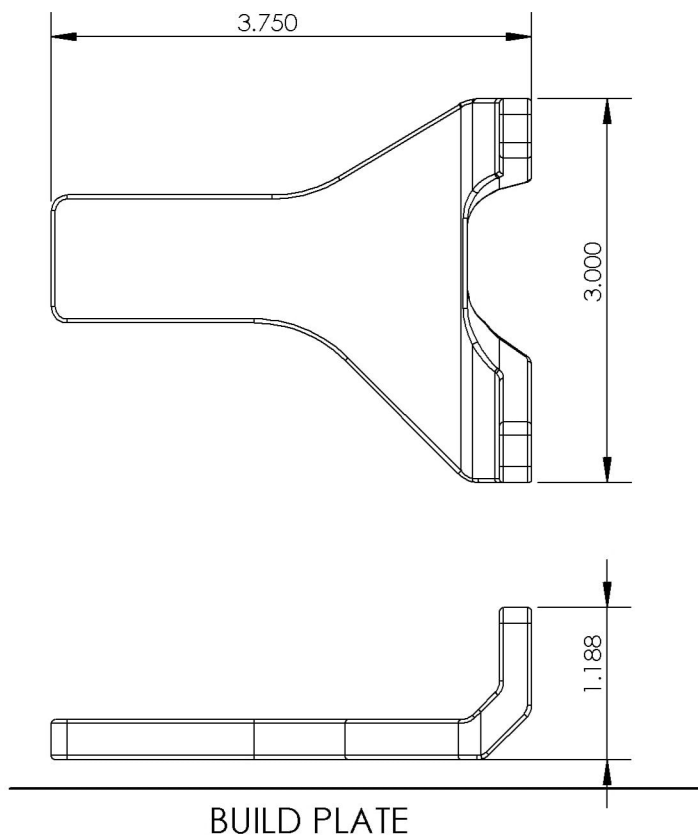
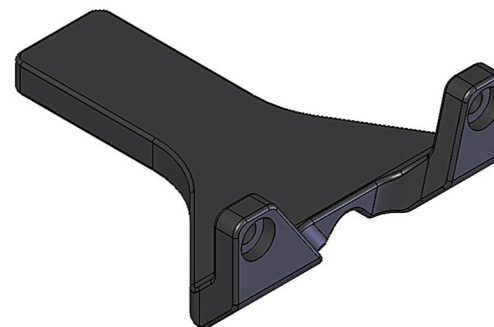
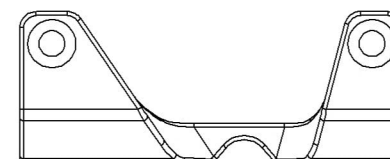
SCALE: 1:5

SHEET 1 OF 1

USE EPA-CF STRONG PROFILE

PROCESS:

3DP



AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.033		2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P010.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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Swerve Module Cable Guide

DWG. NO.

OPR26-B-P010

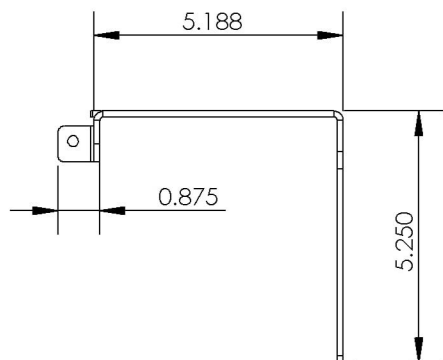
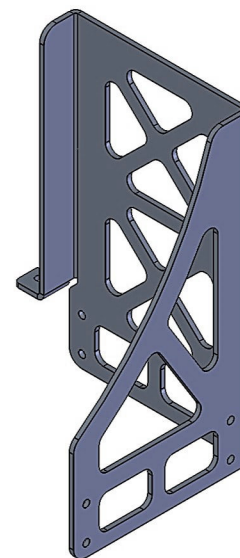
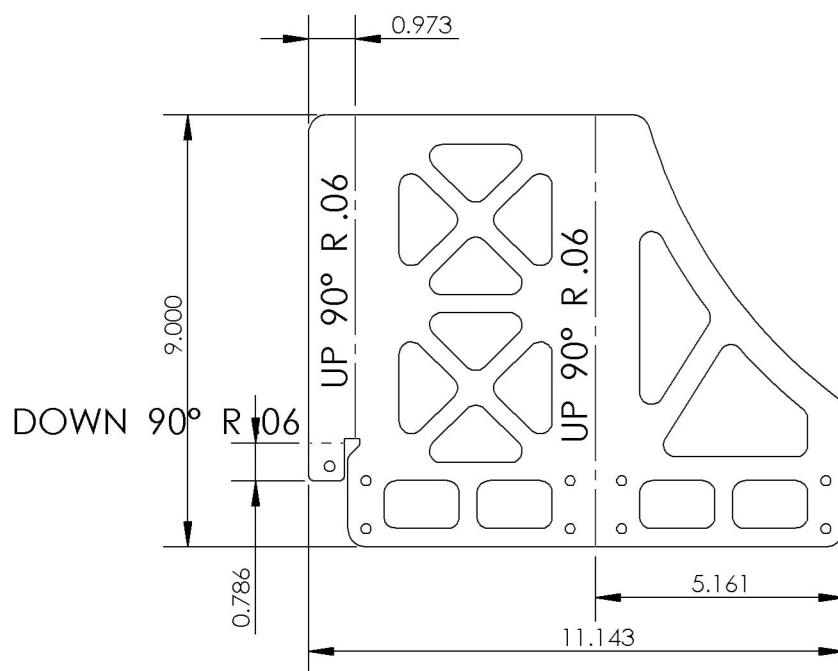
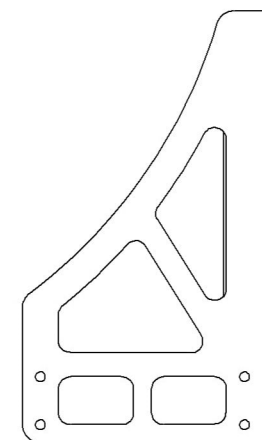
PRINTED ON 2026-09-29

SCALE: 1:1.5

SHEET 1 OF 1

PROCESS:

FABWORKS

AS SHOWN: 1
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
0.125 5052-H32 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.687	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P011.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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Corner Guard

DWG. NO.

OPR26-B-P011

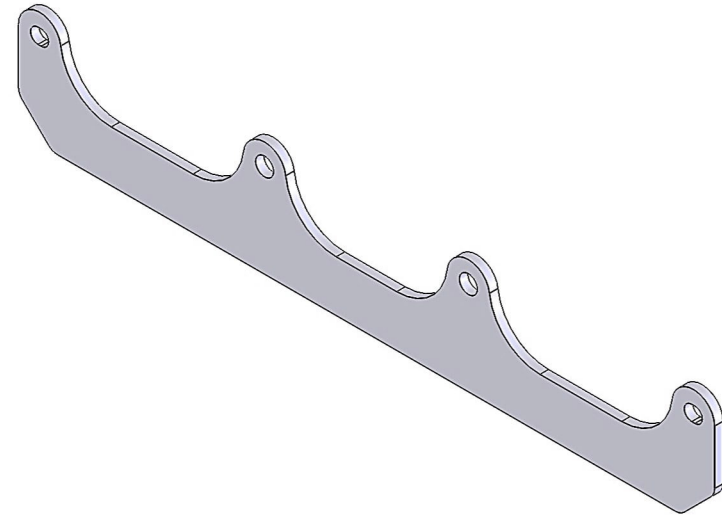
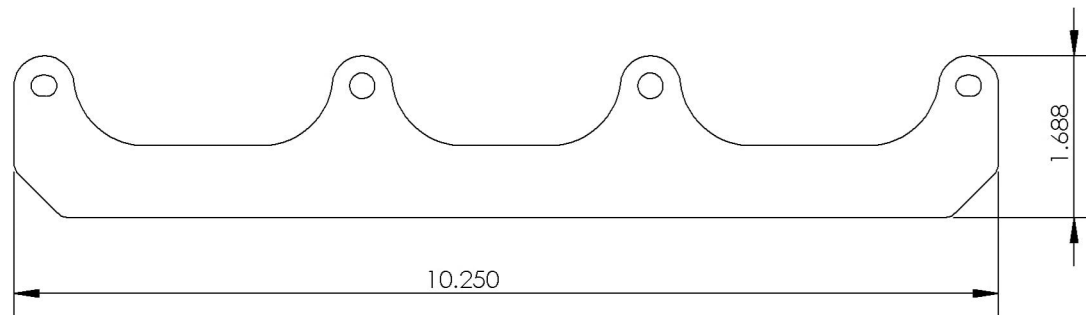
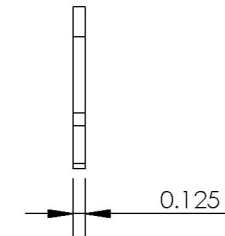
PRINTED ON 2026-09-29

SCALE: 1:4

SHEET 1 OF 1

PROCESS:

CNC

AS SHOWN:
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
0.125 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.123	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P013.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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Turret Cable Guard

DWG. NO.

OPR26-B-P013

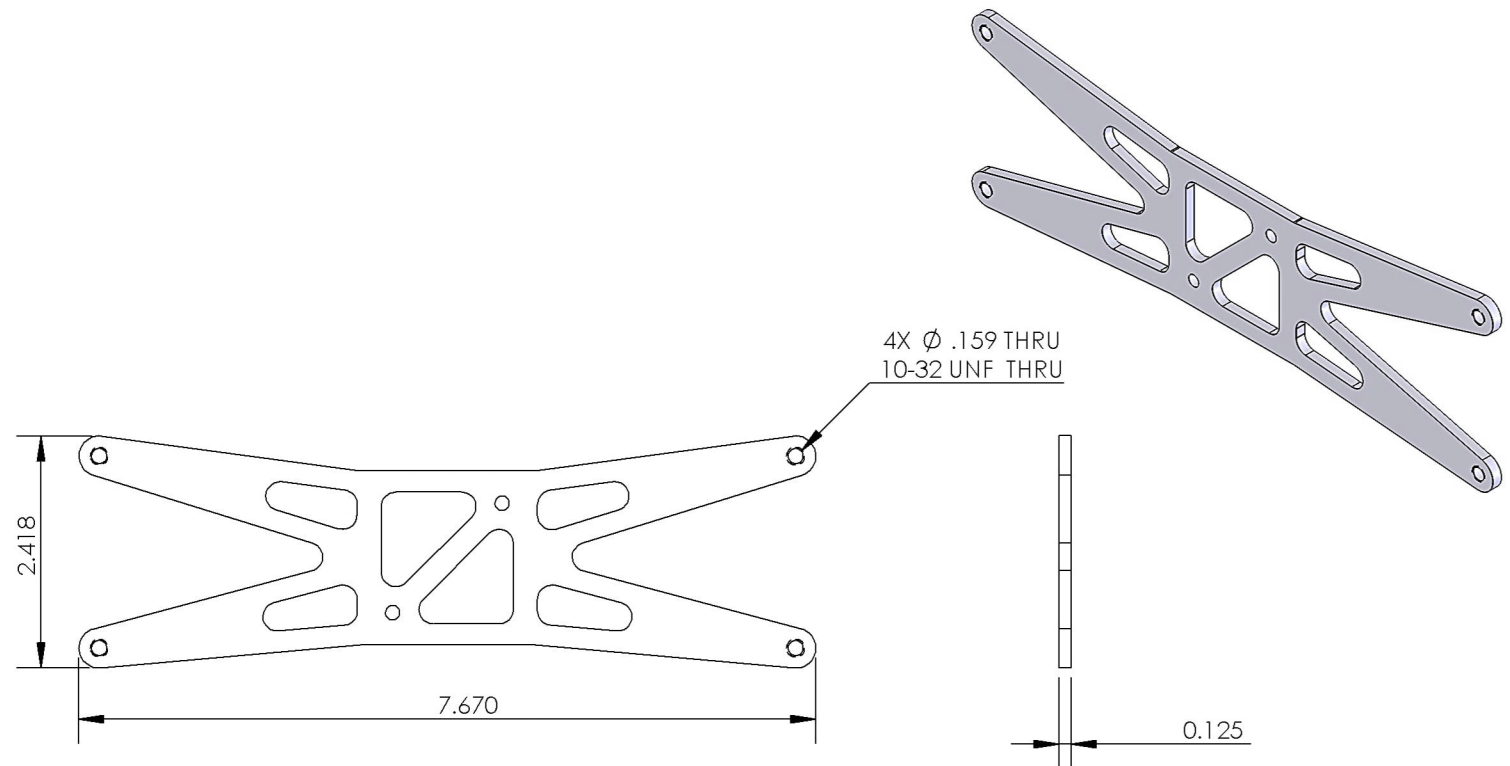
PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

CNC

AS SHOWN:
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
AL 6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.100		2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P014.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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DWG. NO.

OPR26-B-P014

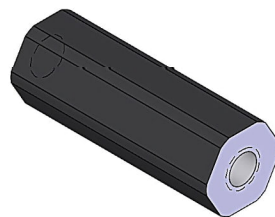
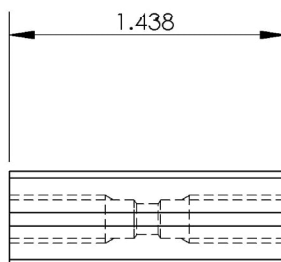
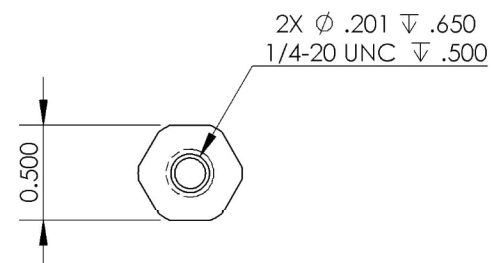
PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

LATHE



AS SHOWN: 2
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
7075-T6 0.500" Rounded Hex 1.438" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.027	JS	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P100.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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Turret Drive Shaft

DWG. NO.

OPR26-B-P100

PRINTED ON 2026-03-27

SCALE: 1:1

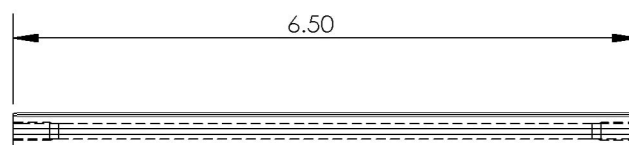
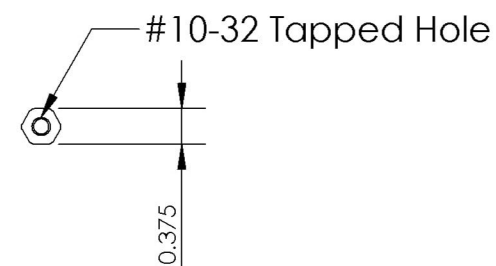
SHEET 1 OF 1

PROCESS:

LATHE



USE 3/8 ROUNDED HEX



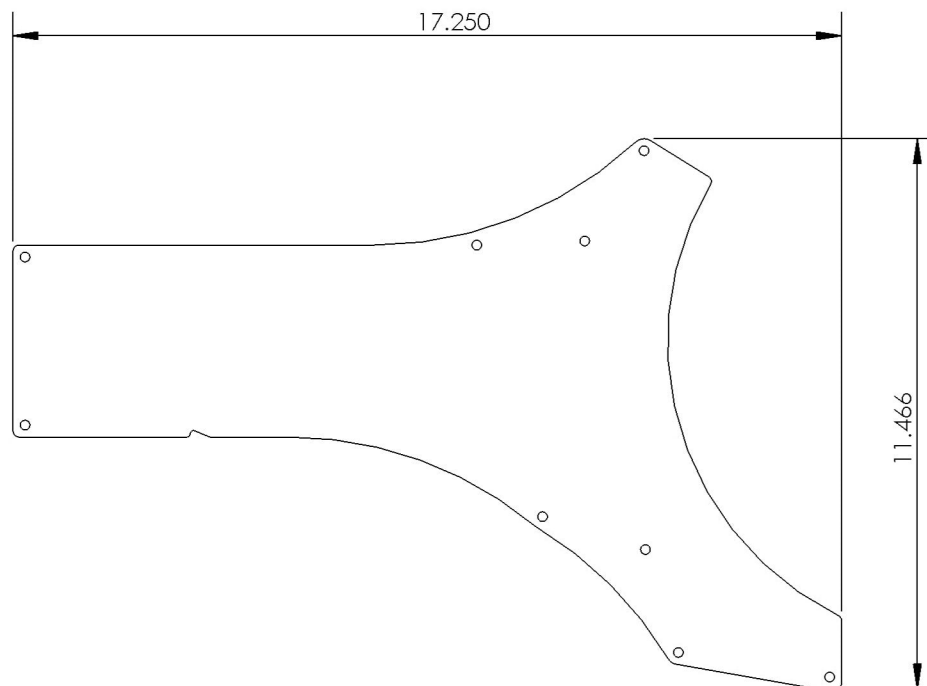
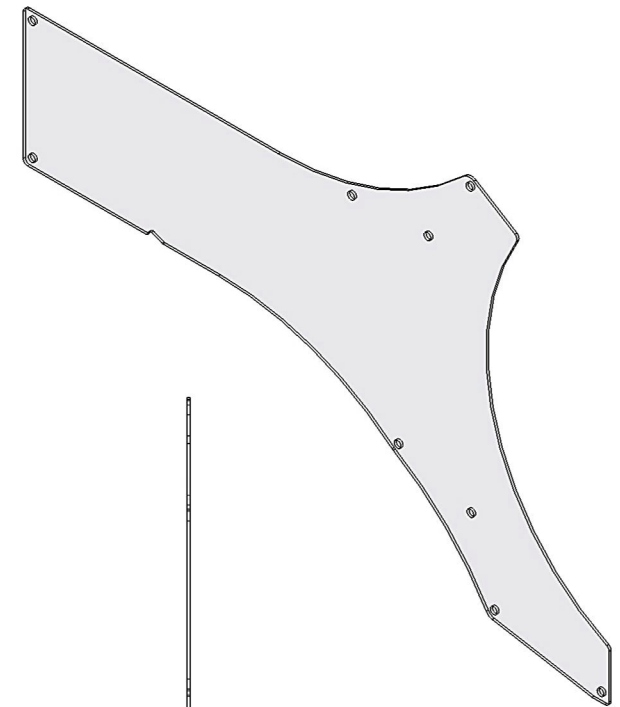
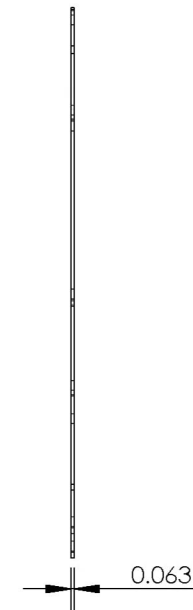
AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>	
7075-T6 0.375" Rounded Hex 6.500" Long		PRIMARY UNITS	INCHES		
Finish		NO BURRS OR SHARP EDGES		Visor Standoff	
NO FINISH		TOLERANCES			
Weight	Drawn By	FRACTIONS		DWG. NO.	
0.066	TH	2 DECIMAL PLACES			
Dimensions per OPR26-B-P101.sldprt or .step		3 DECIMAL PLACES		OPR26-B-P101	
		FLAT PATTERNS			
		ANGULAR DEGREES			
		BENDS			
		±1/32"			
		±.010"			
		±.003"			
		±.005"			
		±0.5°			
		±0.010"			
				PRINTED ON 2026-03-31	
				SCALE: 1:2	
				SHEET 1 OF 1	

PROCESS:

ROUTER

AS SHOWN: 1
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
Lexan		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.221	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P120.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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TURRET PLATE COVER

DWG. NO.

OPR26-B-P120

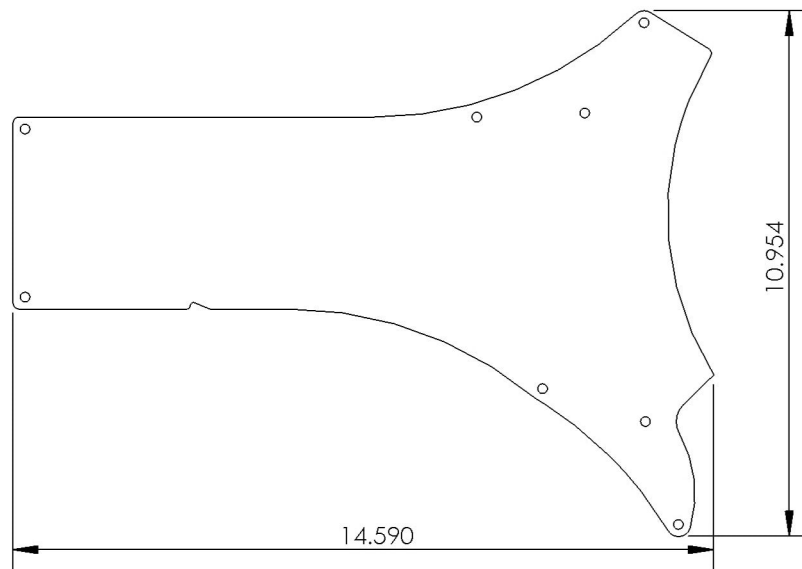
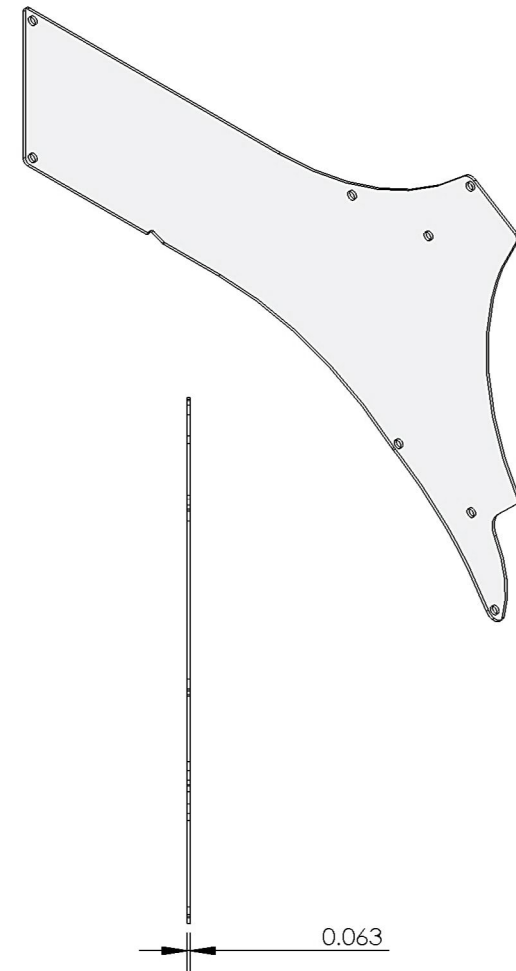
PRINTED ON 2026-02-22

SCALE: 1:4

SHEET 1 OF 1

PROCESS:

ROUTER



AS SHOWN: 1
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
Lexan		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.200	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P120-R1.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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TURRET PLATE COVER

DWG. NO.

OPR26-B-P120-R1

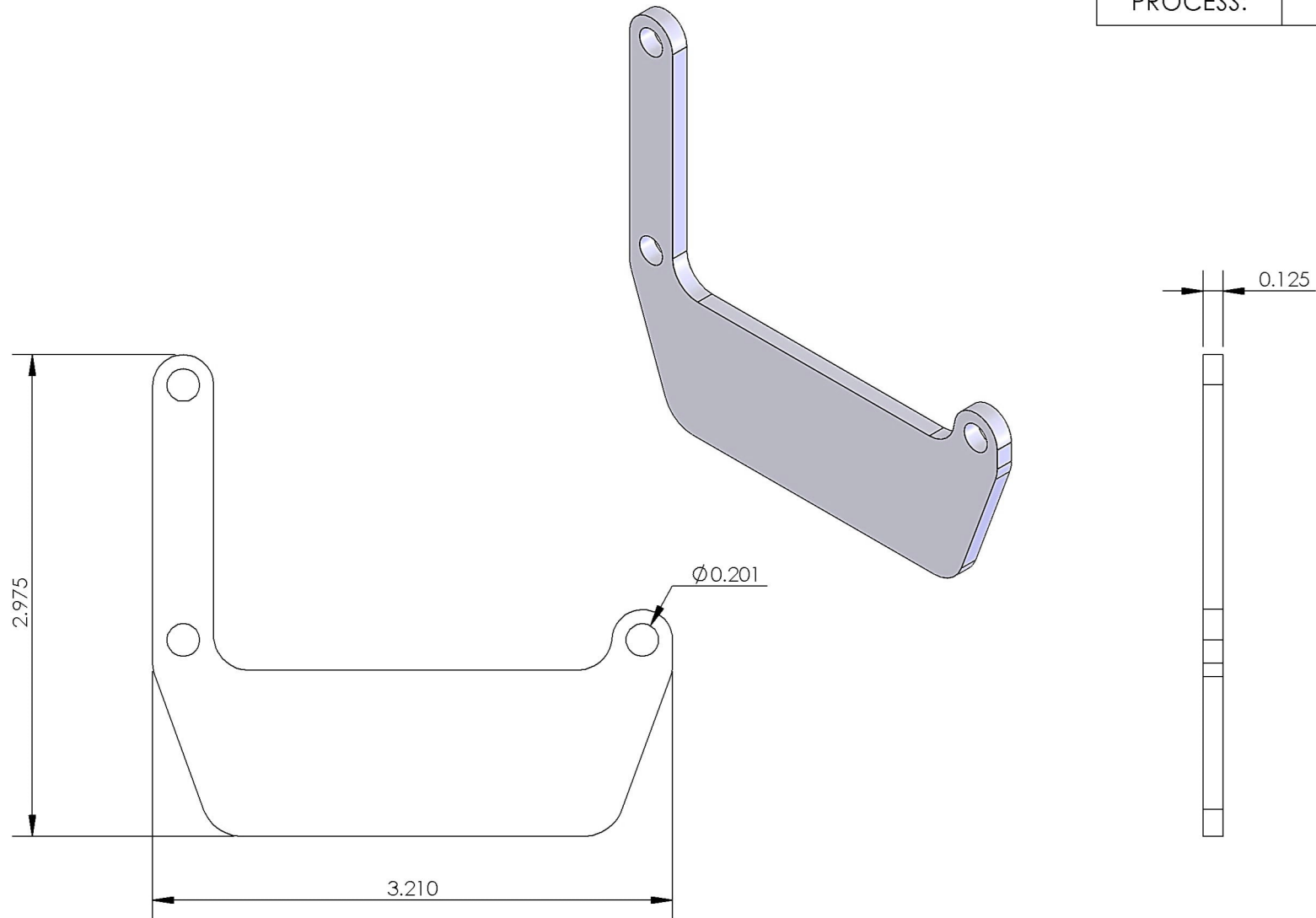
PRINTED ON 2026-09-29

SCALE: 1:4

SHEET 1 OF 1

PROCESS:

CNC

AS SHOWN: 3
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
0.125 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.045	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P121.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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LIMELIGHT GUARD

DWG. NO.

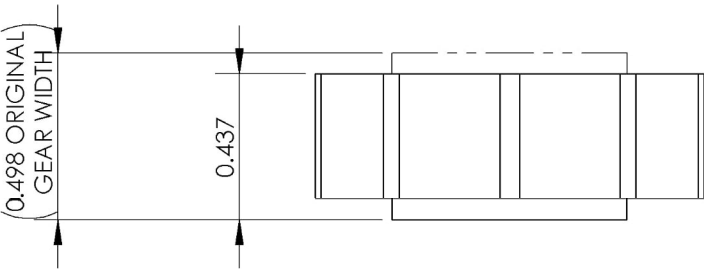
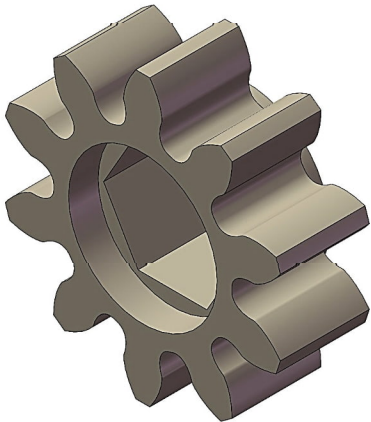
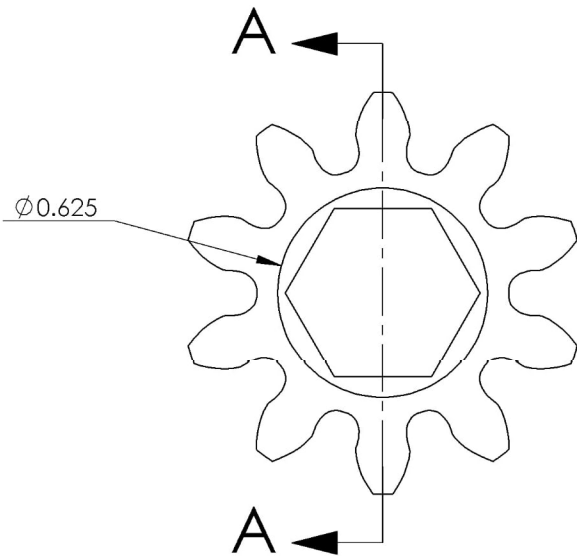
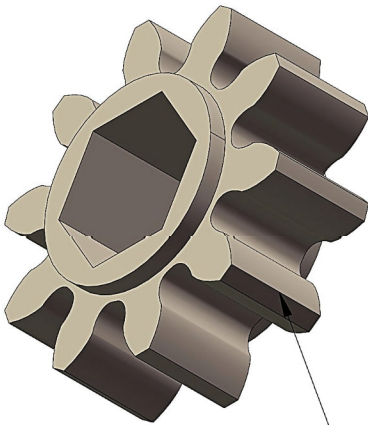
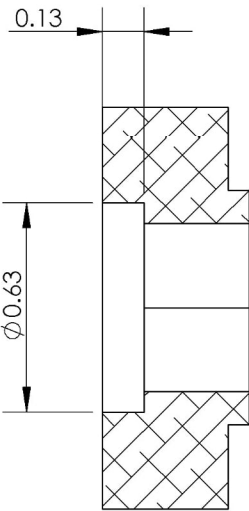
OPR26-B-P121

PRINTED ON 3/11/2026

SCALE: 1:1

SHEET 1 OF 1

	PART NUMBER	DESCRIPTION	QTY.	Material	Price	Weight	Supplier	PROCESS:	MODIFIED PURCHASE
1	WCP-0552	10t Aluminum Spur Gear (10 DP, 1/2" Hex Bore)	1	7075-T6	9.99	0.022	WCP		



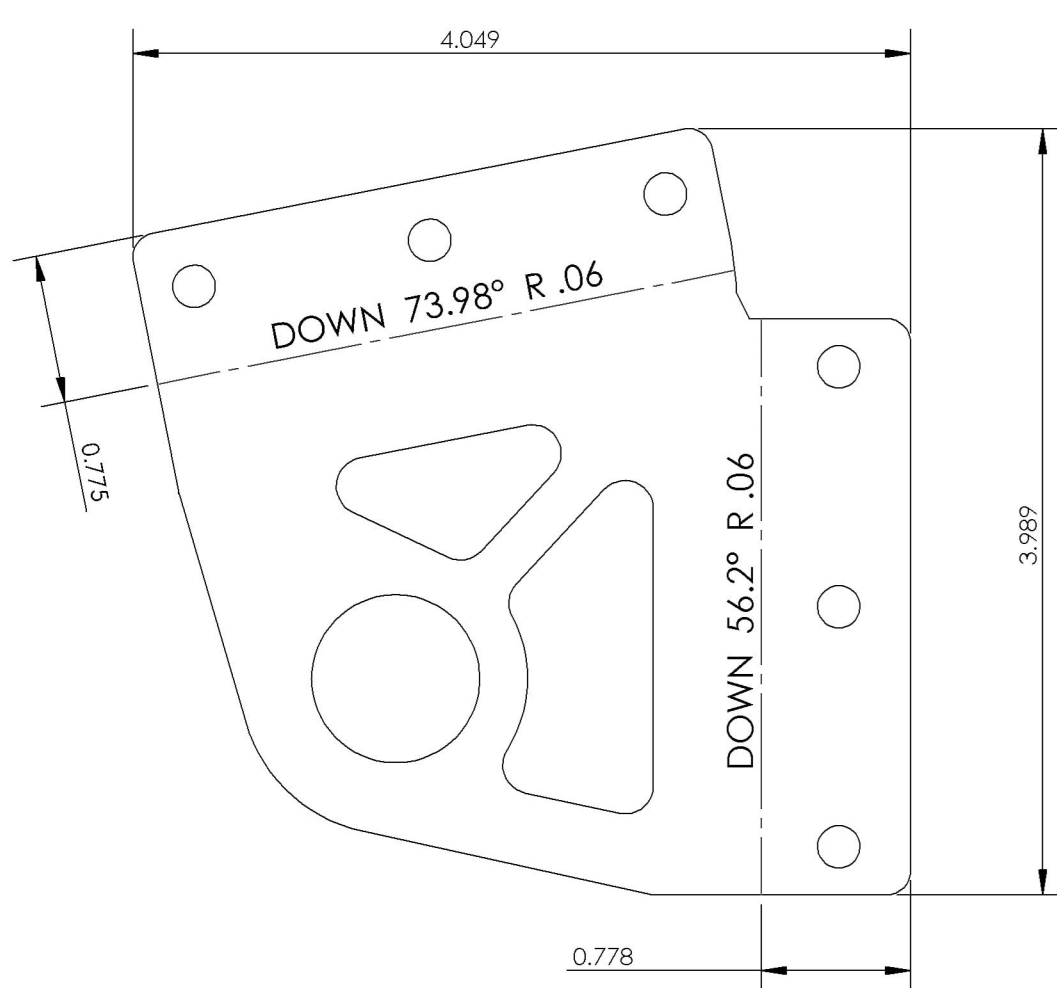
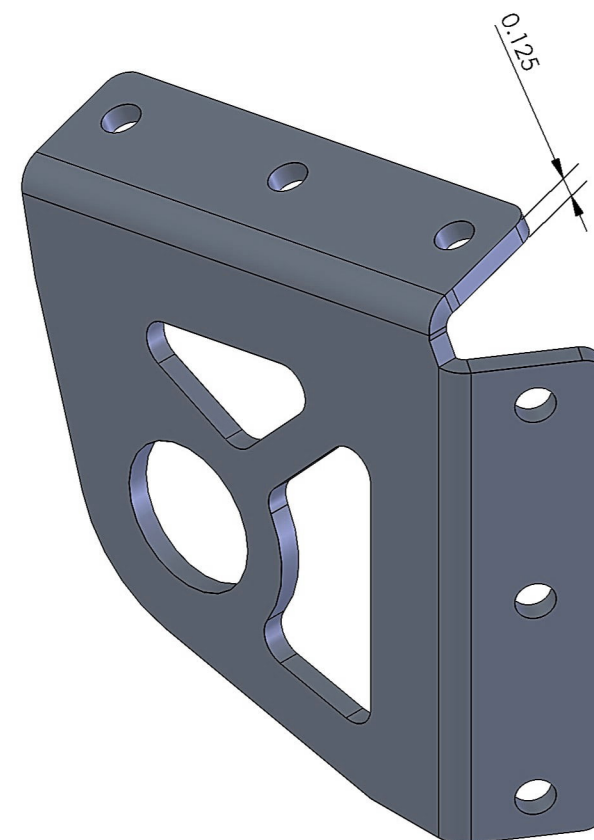
SECTION A-A

AS SHOWN:
OPPOSITE:

ORIGINAL GEAR



Material		UNLESS OTHERWISE SPECIFIED		OP Robotics www.2056.ca	
ASSEMBLY		PRIMARY UNITS INCHES			
Finish		NO BURRS OR SHARP EDGES		TURRRET PINION	
NO FINISH		TOLERANCES			
Weight	Drawn By		FRACTIONS		DWG. NO. OPR26-B-P122
0.020	BP		2 DECIMAL PLACES ± 1/32"		
Dimensions per OPR26-B-P122.sldprt or .step			3 DECIMAL PLACES ± .010"		
			3 DECIMAL PLACES ± .003"		
			FLAT PATTERNS ± .005"		
			ANGULAR DEGREES ± 0.5 °		PRINTED ON 2026-03-27 SCALE: 1.75 1 SHEET 1 OF 1
			BENDS ± 0.010"		



AS SHOWN: 1
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
5052-H32		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.124	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P128.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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RSL MOUNT GUSSET

DWG. NO.

OPR26-B-P128

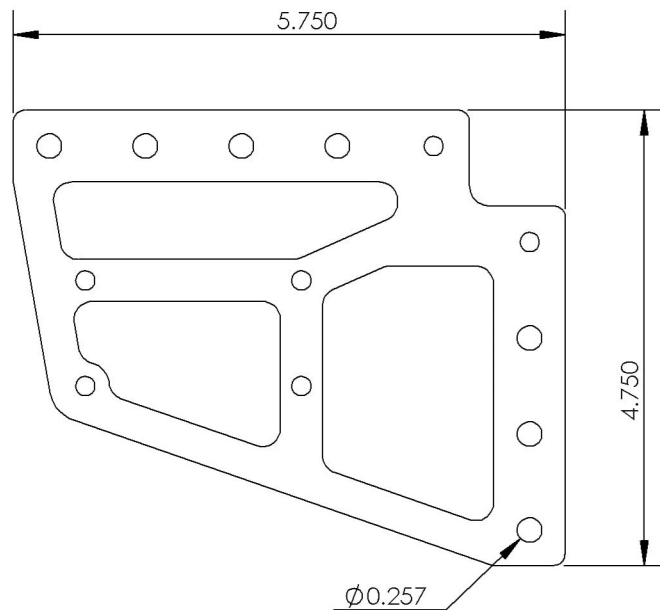
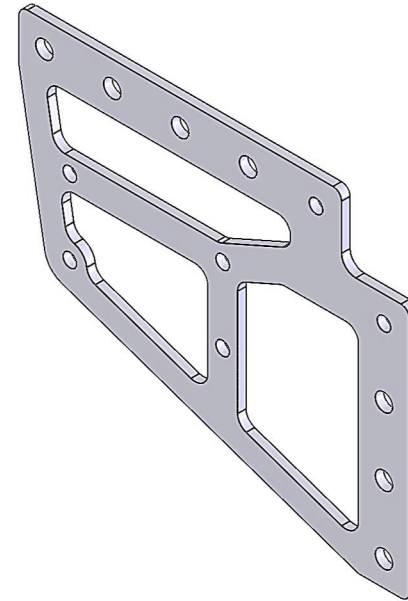
PRINTED ON 2026-09-29

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

CNC



AS SHOWN: 1
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
0.125 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.142	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P136.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

OP Robotics

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BREAKER GUSSET MOUNT

DWG. NO.

OPR26-B-P136

PRINTED ON 23/02/2026

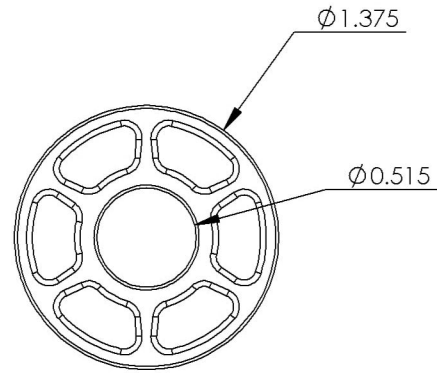
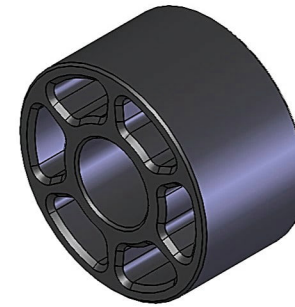
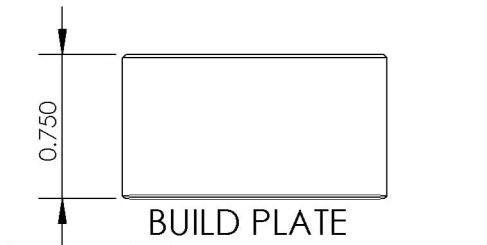
SCALE: 1:2

SHEET 1 OF 1

USE EPA-CF STRONG PROFILE

PROCESS:

3DP



AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.011		2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P137.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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CABLE CHAIN PULLEY

DWG. NO.

OPR26-B-P137

PRINTED ON 2026-09-29

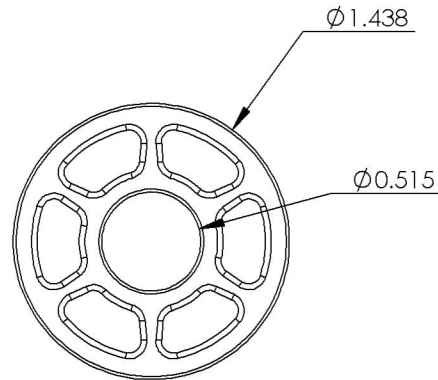
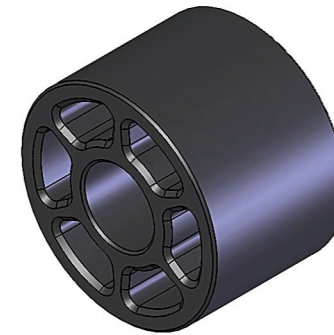
SCALE: 1:1

SHEET 1 OF 1

USE EPA-CF STRONG PROFILE

PROCESS:

3DP



BUILD PLATE

AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.018		2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P137-R1.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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CABLE CHAIN PULLEY

DWG. NO.

OPR26-B-P137-R1

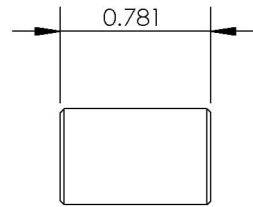
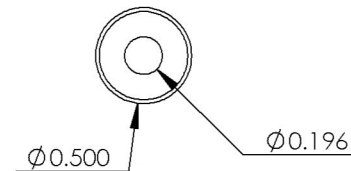
PRINTED ON 2026-09-29

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

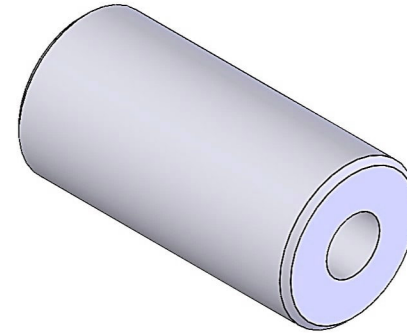
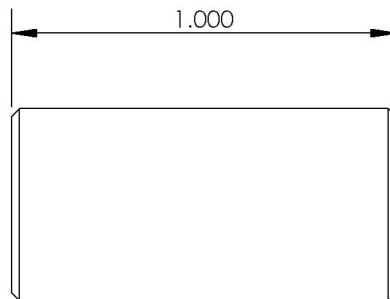
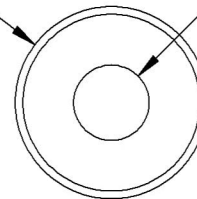
LATHE

AS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div> <div>0.500" Tube Axle Stock 0.781" Long</div>	
6061-T6		PRIMARY UNITS INCHES			
Finish		NO BURRS OR SHARP EDGES			
NO FINISH		TOLERANCES		<div>DWG. NO.</div> <div>OPR26-B-P138</div> <div>PRINTED ON 20/02/2026 SCALE: 1:1 SHEET 1 OF 1</div>	
Weight	Drawn By	FRACTIONS ±1/32"			
0.013	BP	2 DECIMAL PLACES ±.010"			
Dimensions per OPR26-B-P138.sldprt or .step		3 DECIMAL PLACES ±.003"			
		FLAT PATTERNS ±.005"			
		ANGULAR DEGREES ±0.5°			
		BENDS ±0.010"			

PROCESS:

LATHE

 $\varnothing 0.500$ $\varnothing 0.196$ THRUAS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.016	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P138-R1.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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**0.500" Tube Axle Stock 1.000"
Long**

DWG. NO.

OPR26-B-P138-R1

PRINTED ON 3/28/2026

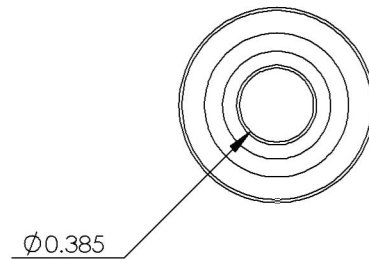
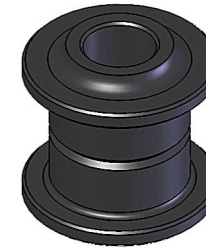
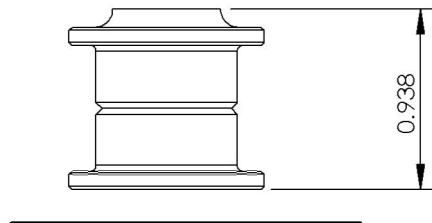
SCALE: 2:1

SHEET 1 OF 1

USE EPA-CF STRONG PROFILE

PROCESS:

3DP



BUILD PLATE

AS SHOWN:
OPPOSITE:

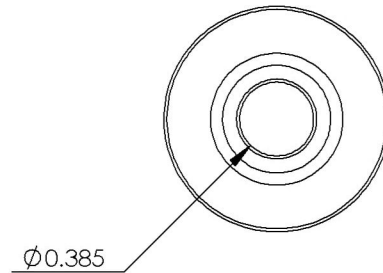
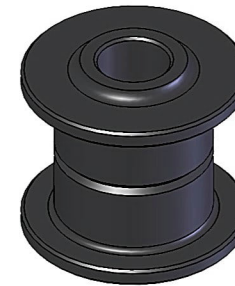
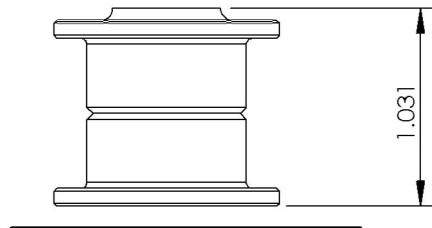


Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>	
ESun EPA-CF		PRIMARY UNITS	INCHES		
Finish		NO BURRS OR SHARP EDGES		CONSTANT FORCE SPRING SPOOL	
NO FINISH		TOLERANCES			
Weight	Drawn By	FRACTIONS		DWG. NO. OPR26-B-P139-R1	
0.007	TH	2 DECIMAL PLACES			
		3 DECIMAL PLACES			
		FLAT PATTERNS			
		ANGULAR DEGREES			
Dimensions per OPR26-B-P139-R1.sldprt or .step		BENDS		PRINTED ON 2026-09-29	
				SCALE: 1:1	
				SHEET 1 OF 1	

USE EPA-CF STRONG PROFILE

PROCESS:

Fabricated



BUILD PLATE

AS SHOWN:
OPPOSITE:

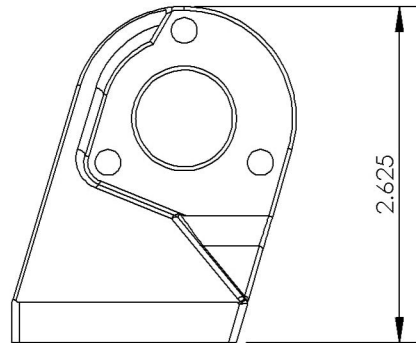
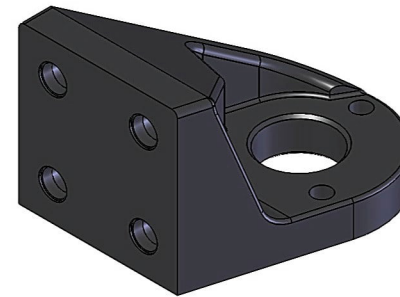


Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>	
ESun EPA-CF		PRIMARY UNITS INCHES			
Finish		NO BURRS OR SHARP EDGES			
NO FINISH		TOLERANCES			
Weight	Drawn By	FRACTIONS ±1/32"		<div>DWG. NO.</div> <div>OPR26-B-P139-R2</div> <div>PRINTED ON 2026-09-29 SCALE: 1:1 SHEET 1 OF 1</div>	
0.010		2 DECIMAL PLACES ±.010"			
Dimensions per OPR26-B-P139-R2.sldprt or .step		3 DECIMAL PLACES ±.003"			
		FLAT PATTERNS ±.005"			
		ANGULAR DEGREES ±0.5°			
		BENDS ±0.010"			

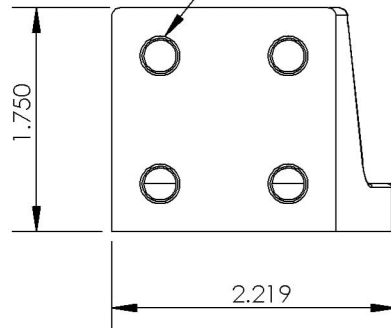
USE EPA-CF STRONG PROFILE

PROCESS:

3DP



10-32 HEAT SET INSERTS



AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.073	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P140.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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X44 MOUNT

DWG. NO.

OPR26-B-P140

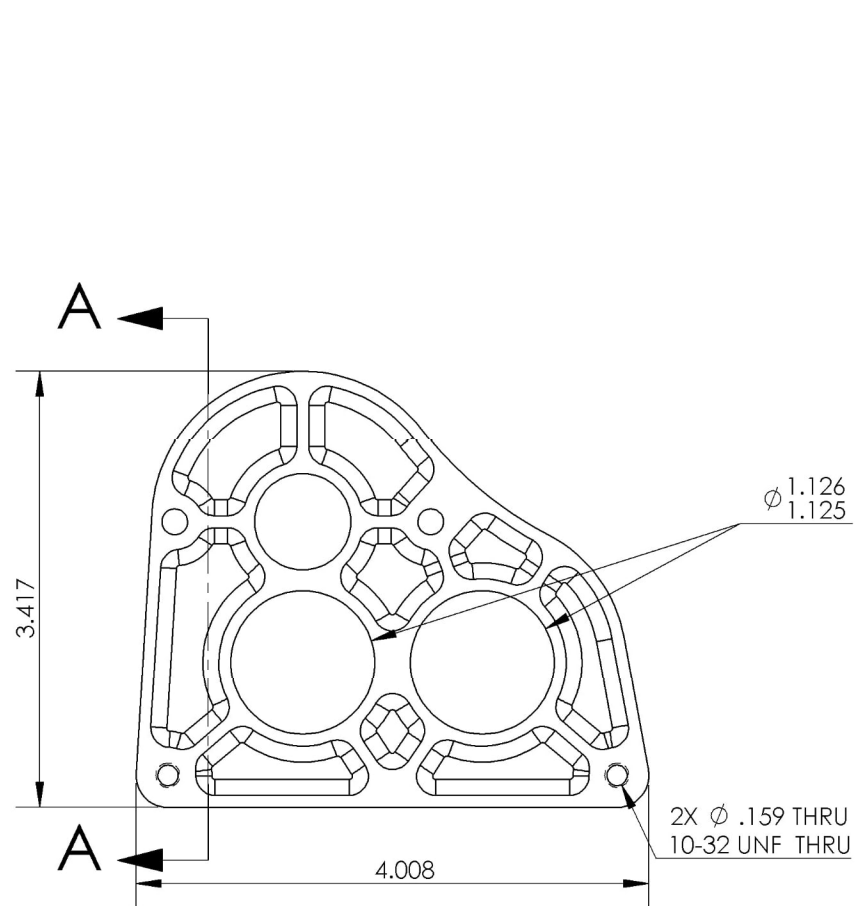
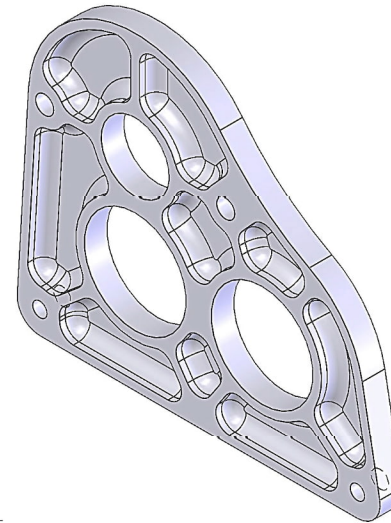
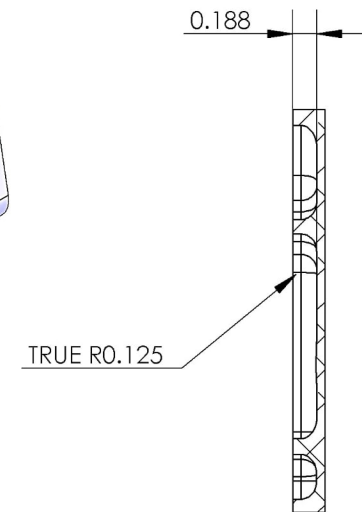
PRINTED ON 2026-09-29

SCALE: 1:1.5

SHEET 1 OF 1

PROCESS:

CNC



SECTION A-A
AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.250 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.117	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P142.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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SHOOTER FEED GEARBOX

DWG. NO.

OPR26-B-P142

PRINTED ON 2026-02-20

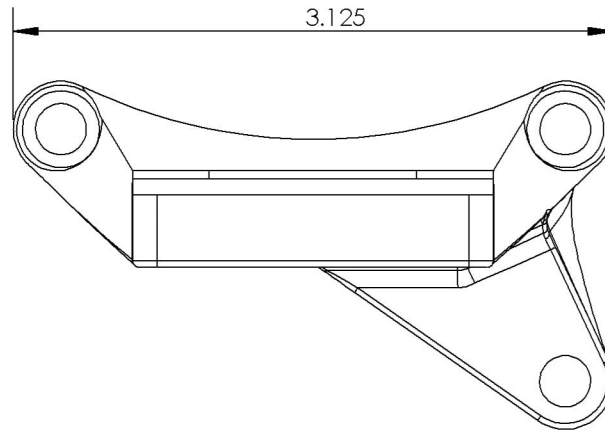
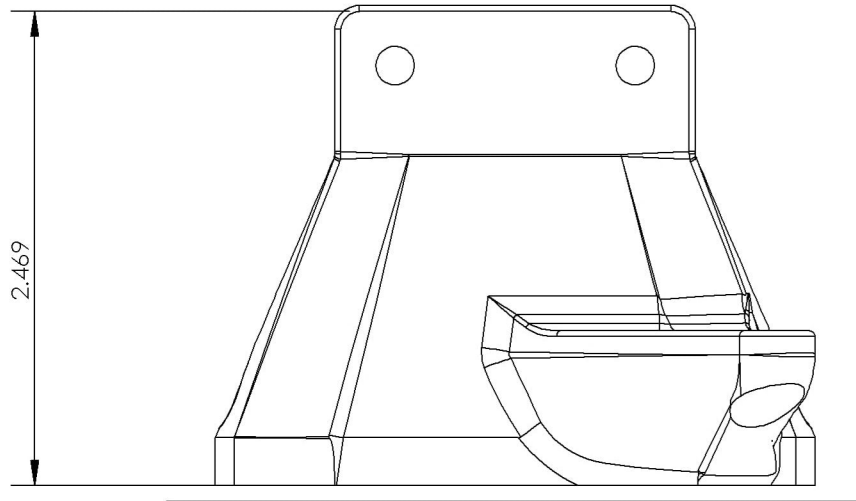
SCALE: 2:3

SHEET 1 OF 1

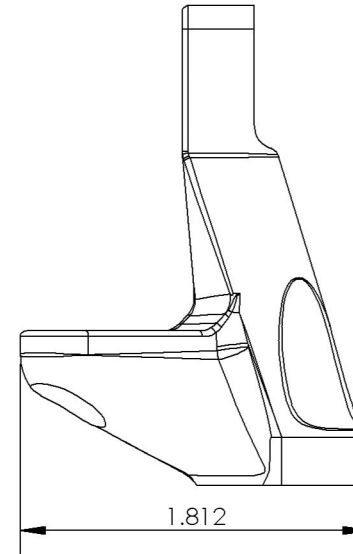
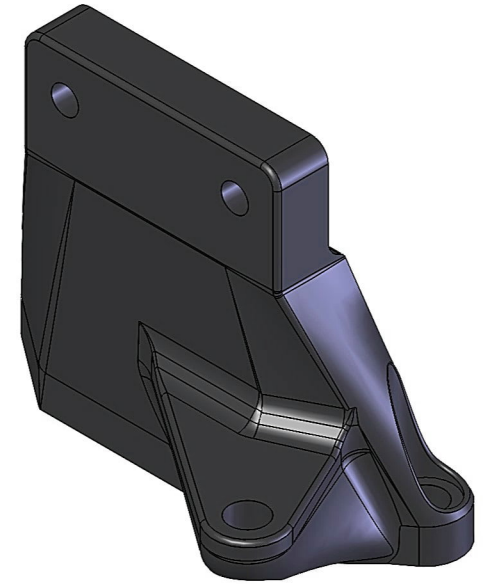
USE EPA-CF STRONG PROFILE

PROCESS:

3DP



BUILD PLATE



AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.064	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P144-R3.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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BALL GUIDE END BRACKET

DWG. NO.

OPR26-B-P144-R3

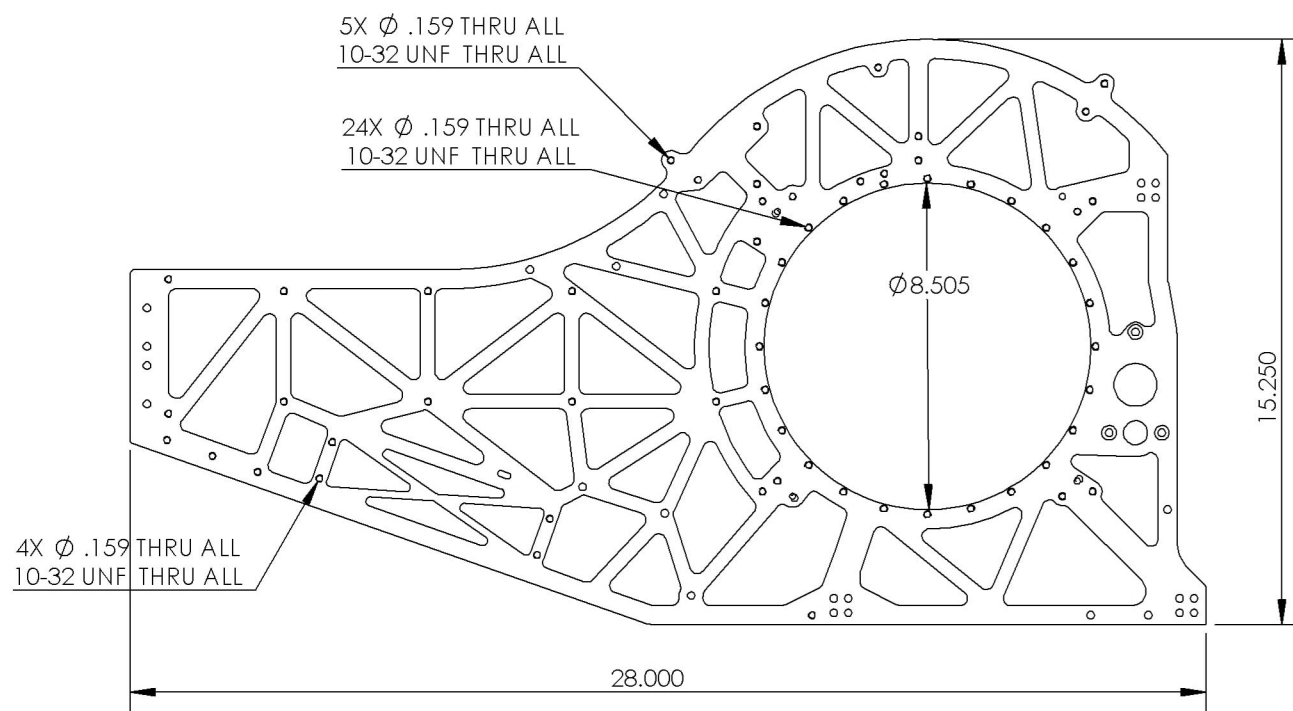
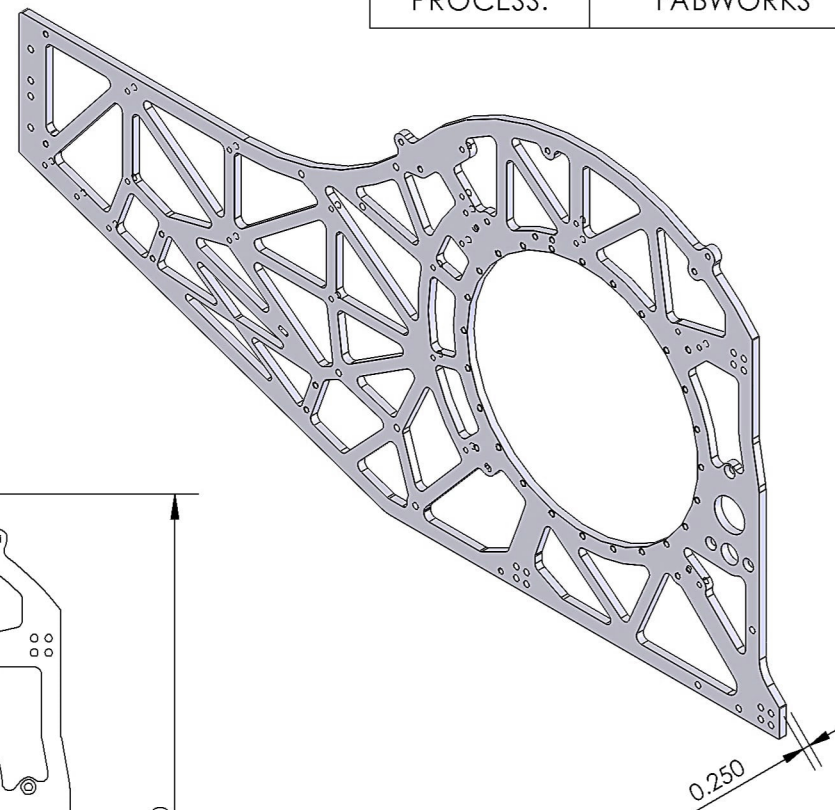
PRINTED ON 2026-09-29

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

FABWORKS

AS SHOWN: 1
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
2.818	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P150.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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TURRET BASE PLATE

DWG. NO.

OPR26-B-P150

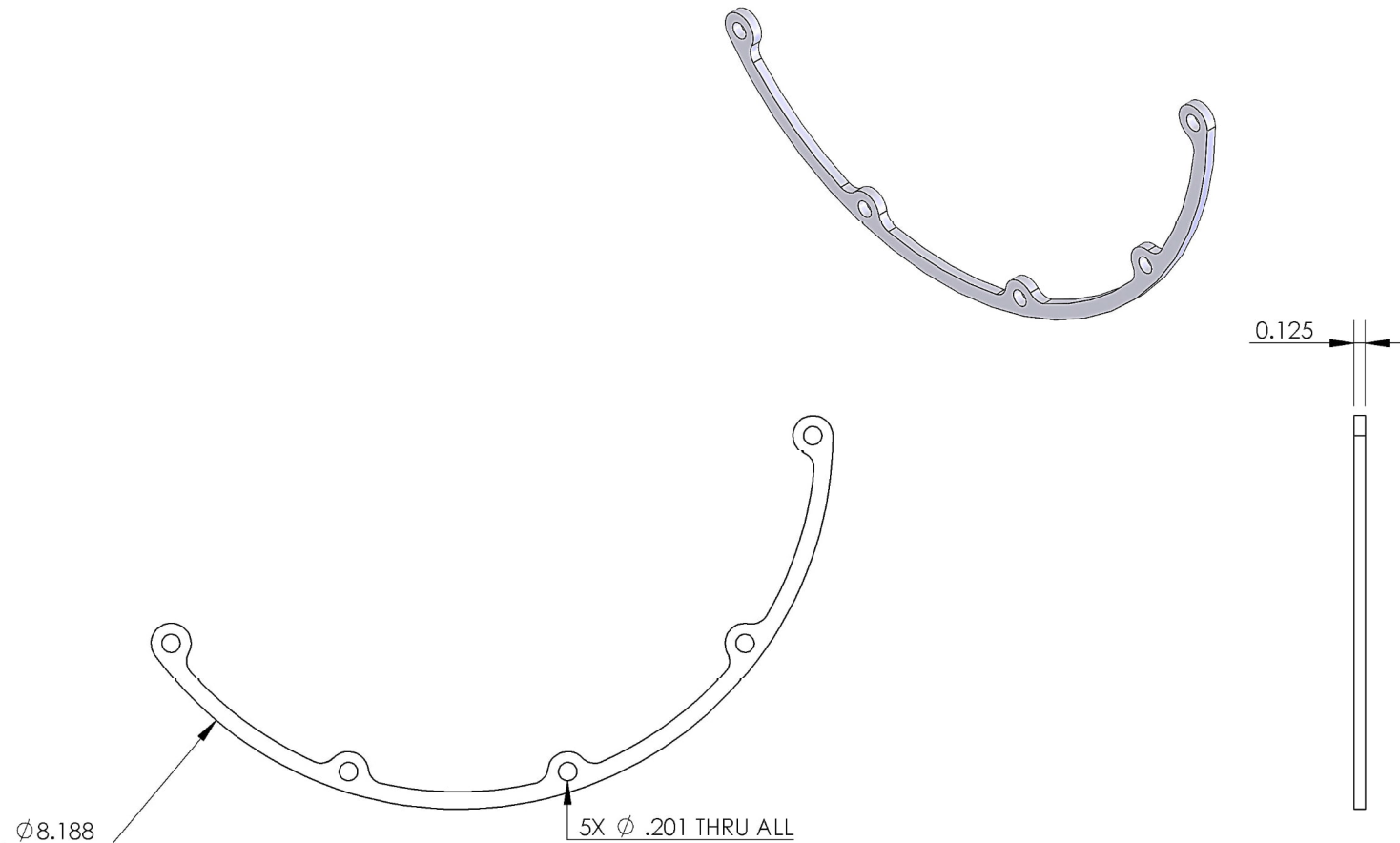
PRINTED ON 2026-09-29

SCALE: 1:5

SHEET 1 OF 1

PROCESS:

CNC



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.125 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.028	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P151.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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TURRET RETAINER PLATE

DWG. NO.

OPR26-B-P151

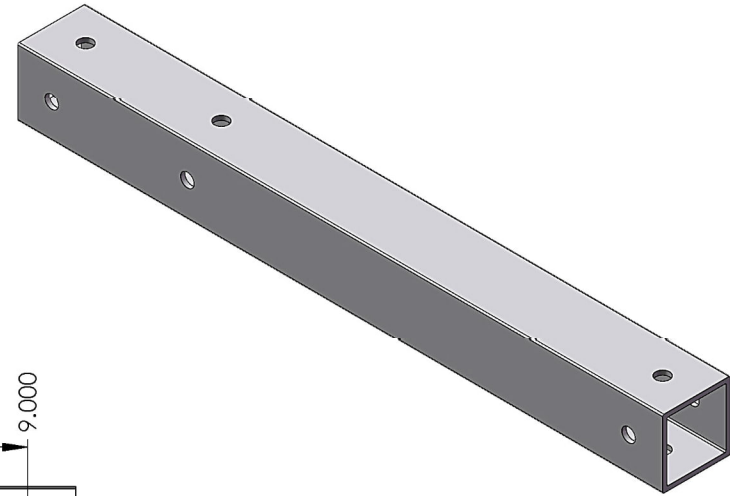
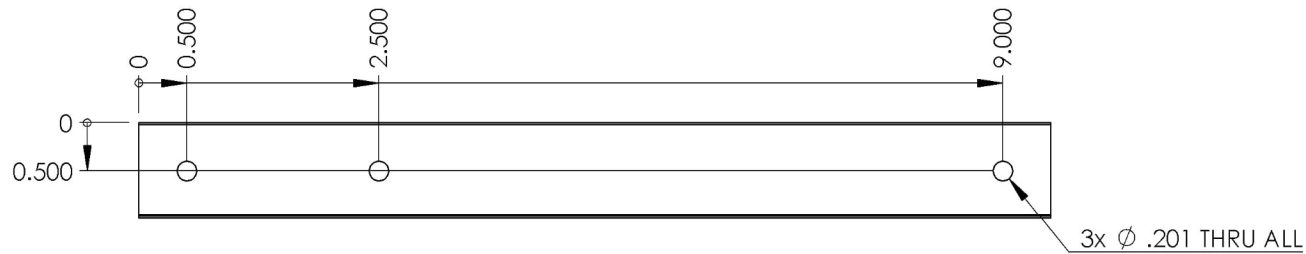
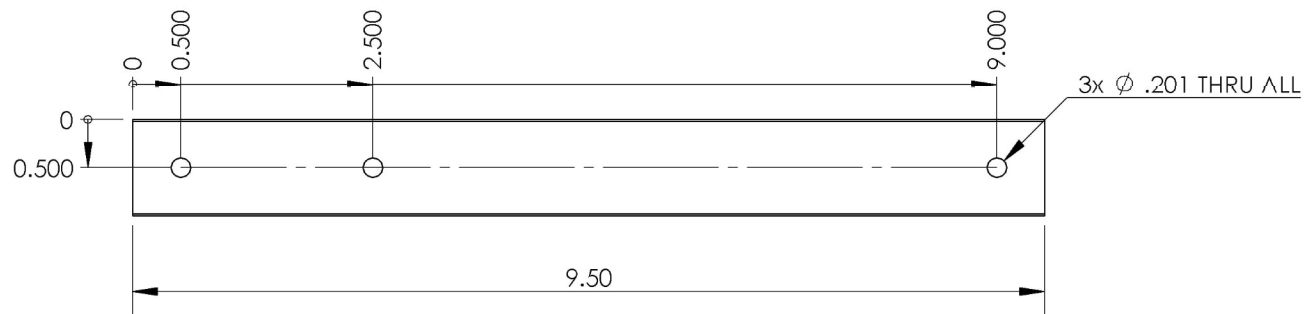
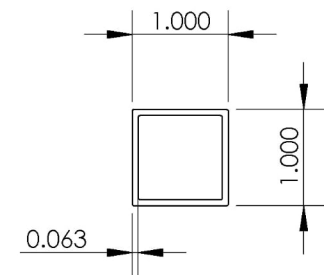
PRINTED ON 2026-02-20

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

MILL



AS SHOWN: 1
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
1.000 x 1.000 x 0.063 6061-T6 Tubing		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.215	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P152.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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CORNER SHOOTER UPRIGHT

DWG. NO.

OPR26-B-P152

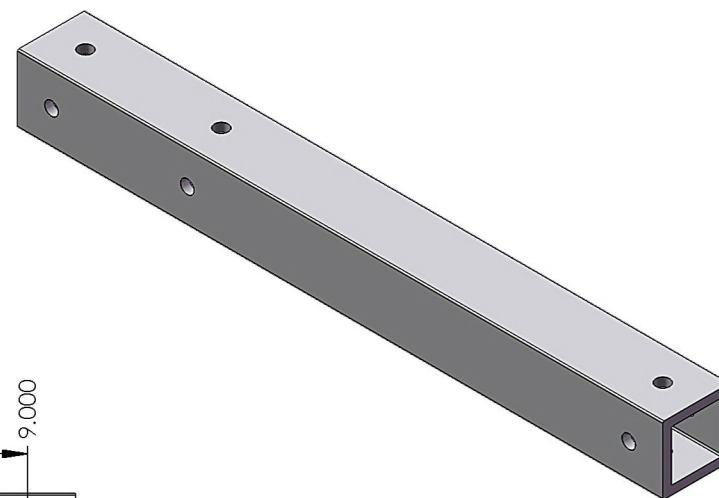
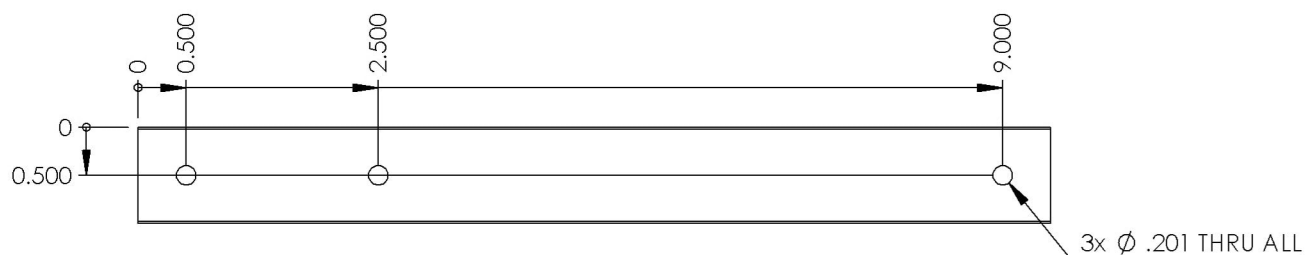
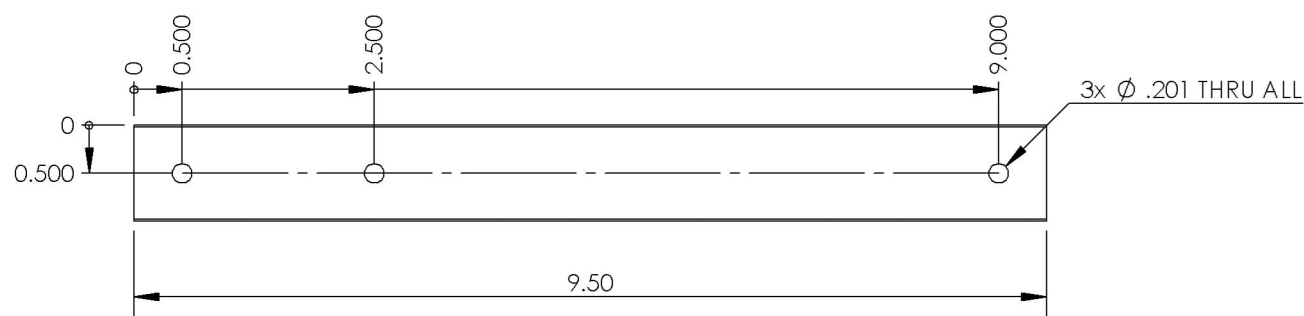
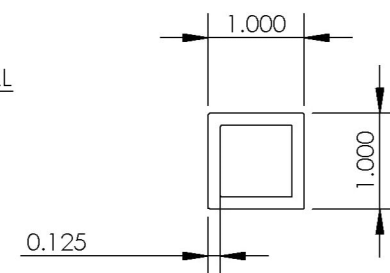
PRINTED ON 2026-02-20

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

MILL



AS SHOWN: 1
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
1.000 x 1.000 x 0.125 6061-T6 Tubing		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.401	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P152-R1.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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CORNER SHOOTER UPRIGHT

DWG. NO.

OPR26-B-P152-R1

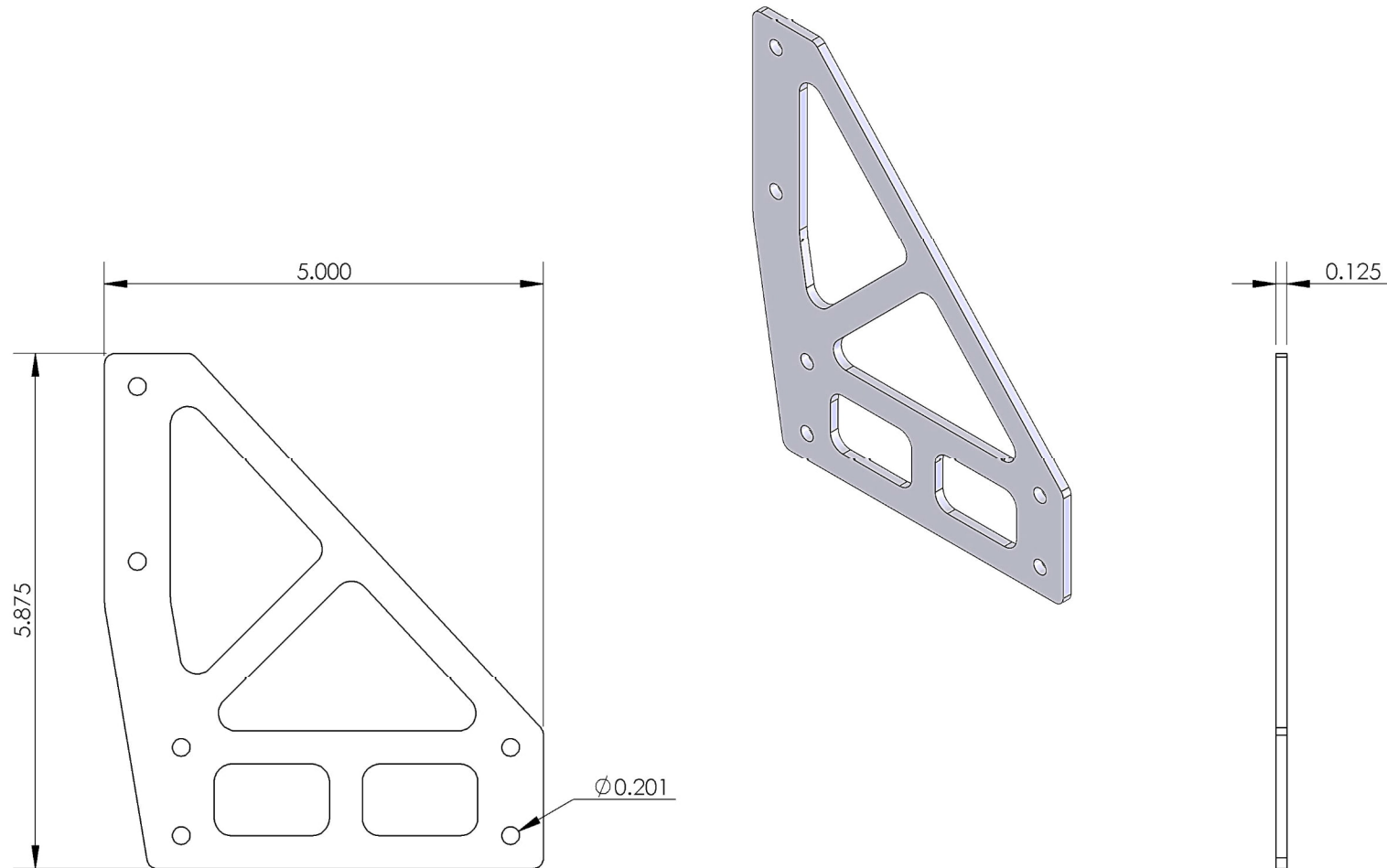
PRINTED ON 2026-06-08

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

CNC

AS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
0.125 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.140	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P153.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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SHOOTER UPRIGHT GUSSET

DWG. NO.

OPR26-B-P153

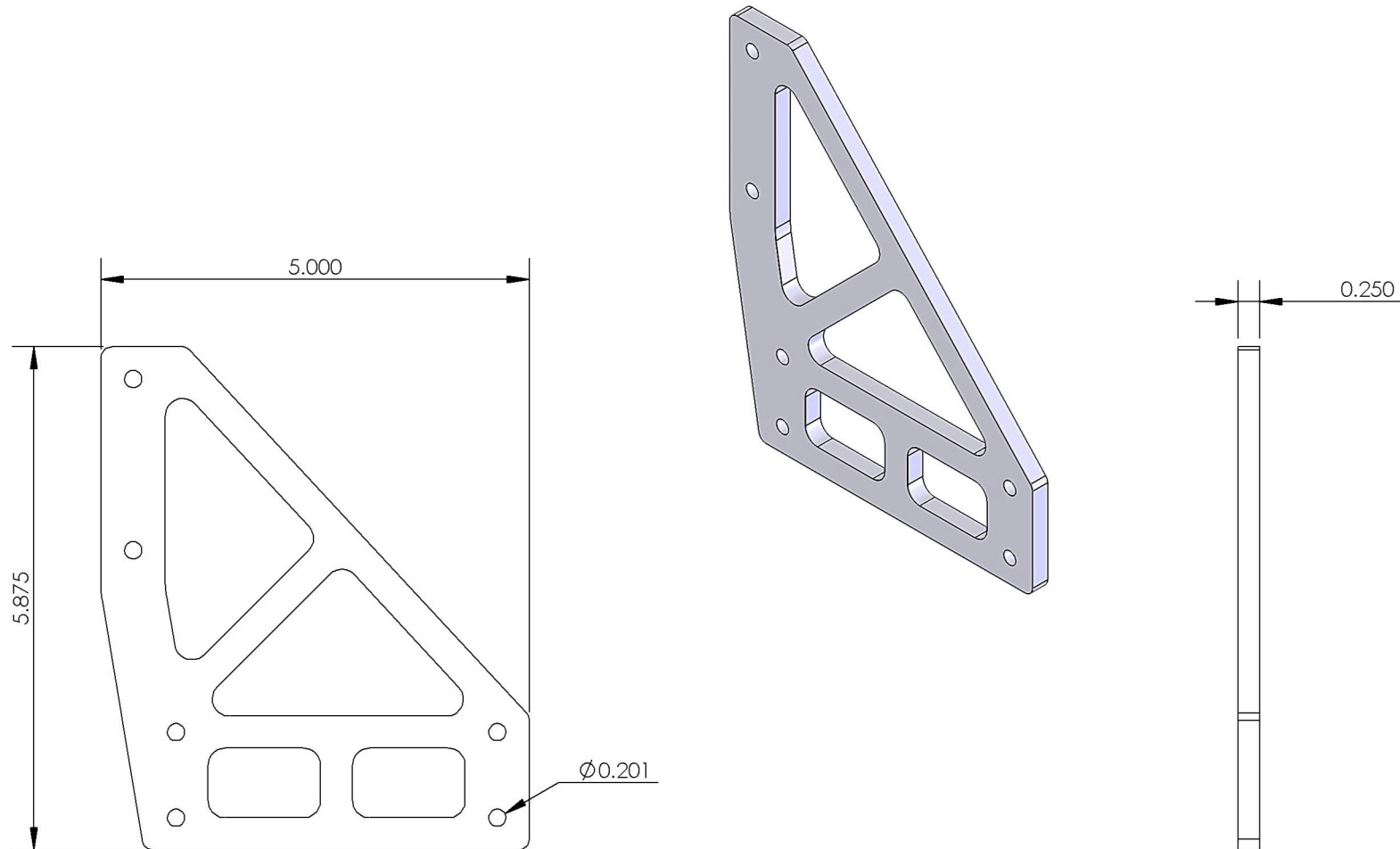
PRINTED ON 2026-02-20

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

CNC

AS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
0.250 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.281	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P153-R1.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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SHOOTER UPRIGHT GUSSET

DWG. NO.

OPR26-B-P153-R1

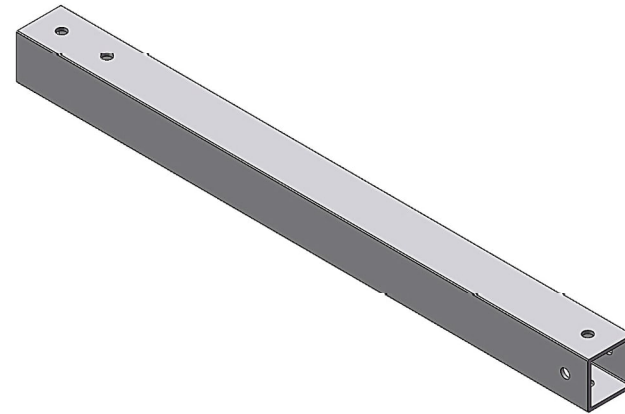
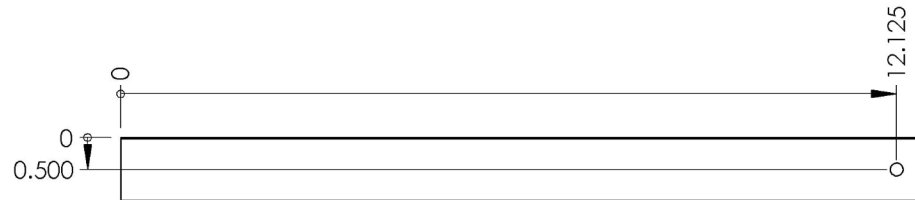
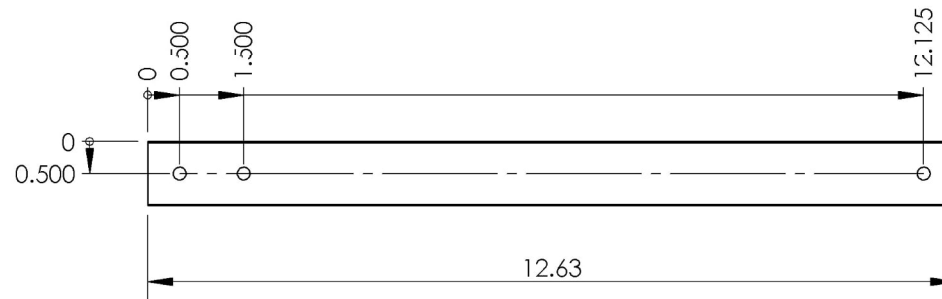
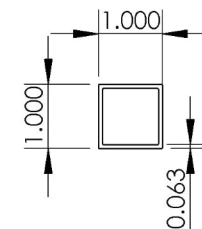
PRINTED ON 2026-06-08

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

MILL



AS SHOWN: 1
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
1.000 x 1.000 x 0.063 6061-T6 Tubing		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.287	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P154.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

OP Robotics

www.2056.ca

SHOOTER UPRIGHT LONG

DWG. NO.

OPR26-B-P154

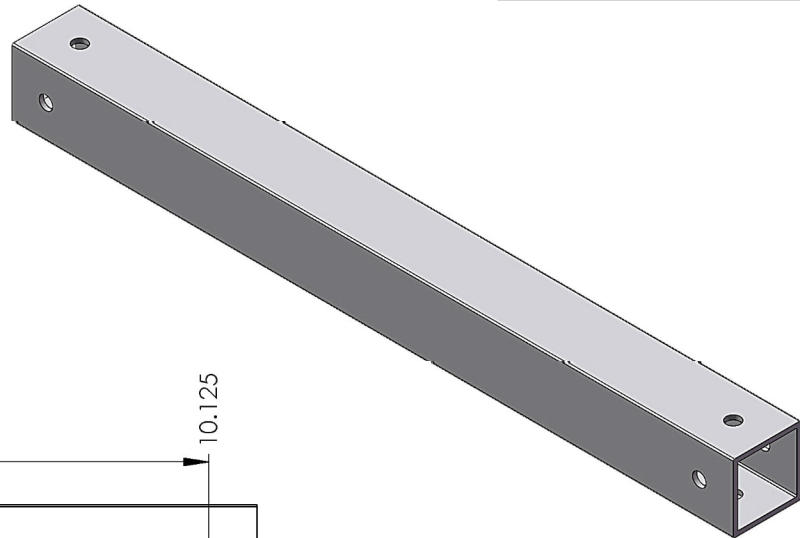
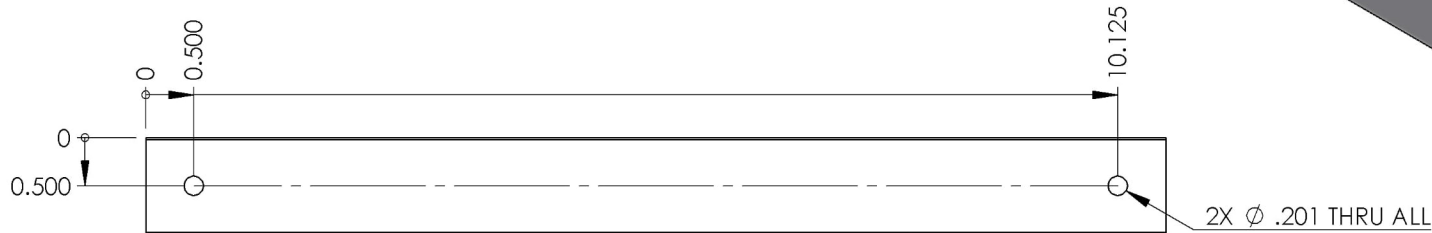
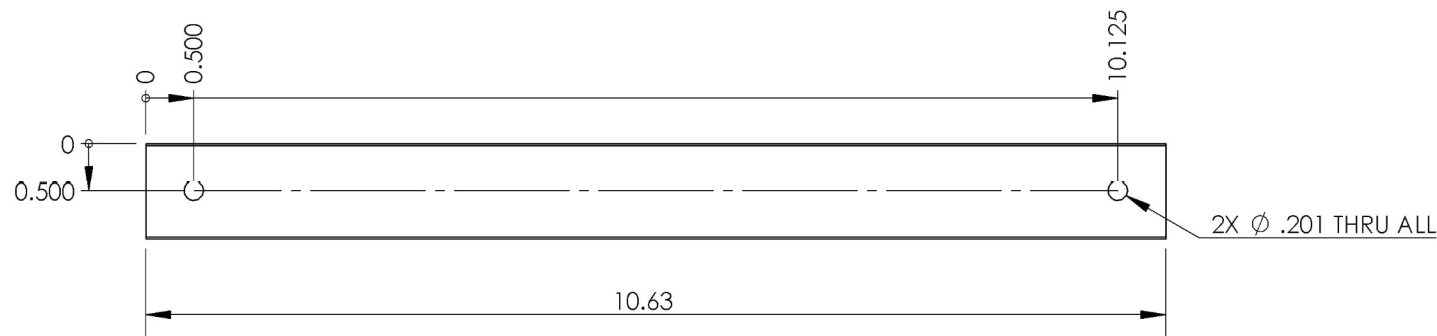
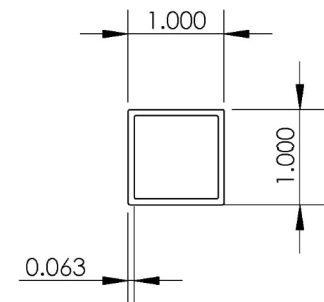
PRINTED ON 2026-02-20

SCALE: 1:3

SHEET 1 OF 1

PROCESS:

MILL



AS SHOWN: 1
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
1.000 x 1.000 x 0.063 6061-T6 Tubing		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.241	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P155.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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SHOOTER UPRIGHT

DWG. NO.

OPR26-B-P155

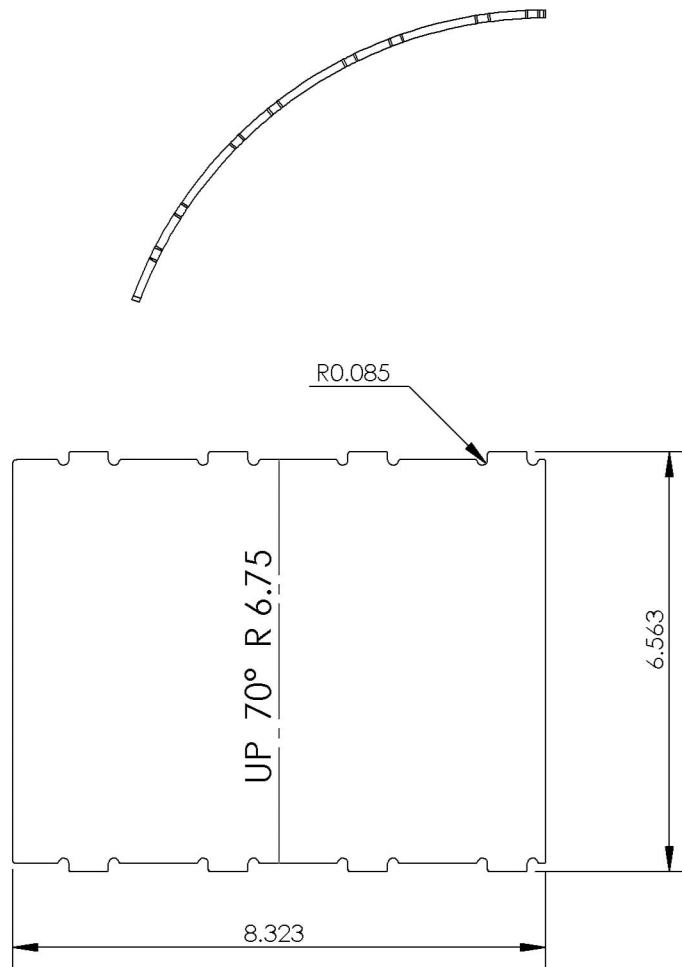
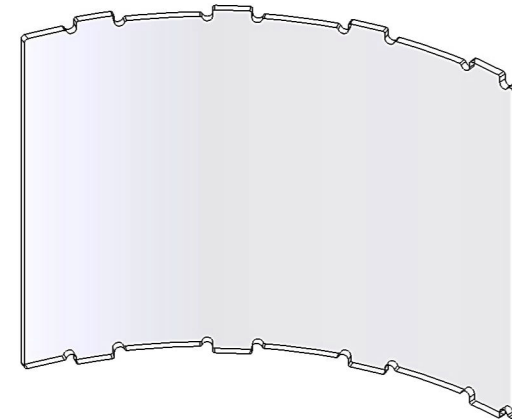
PRINTED ON 2026-02-20

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

Router



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.125 Lexan Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.285	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P157.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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Shooter Feed Plate

DWG. NO.

OPR26-B-P157

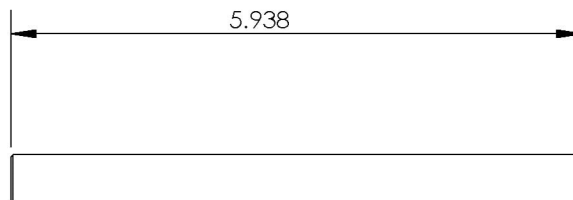
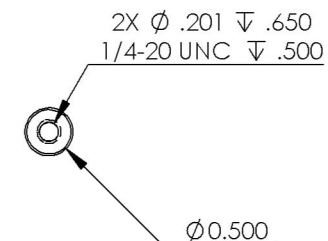
PRINTED ON 2026-02-22

SCALE: 1:3

SHEET 1 OF 1

PROCESS:

LATHE



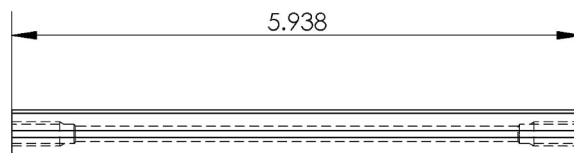
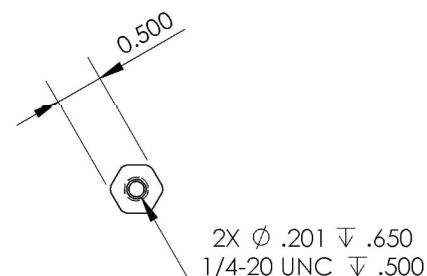
AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>	
6061-T6		PRIMARY UNITS INCHES			
Finish		NO BURRS OR SHARP EDGES		0.500" Tube Axle Stock 5.938" Long	
NO FINISH		TOLERANCES			
Weight	Drawn By	FRACTIONS			

PROCESS:

LATHE

AS SHOWN:
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
7075-T6 0.500" Rounded Hex 5.938" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.115	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P159-R1.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

OP Robotics

www.2056.ca

HOPPER KICKER SHAFT

DWG. NO.

OPR26-B-P159-R1

PRINTED ON 2026-03-27

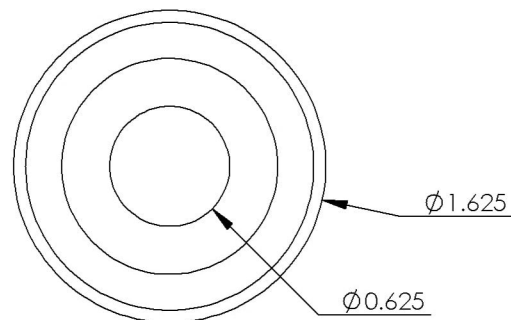
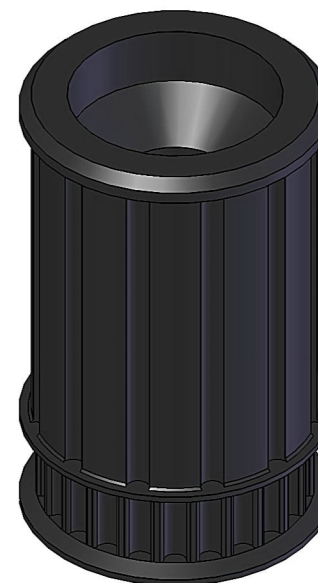
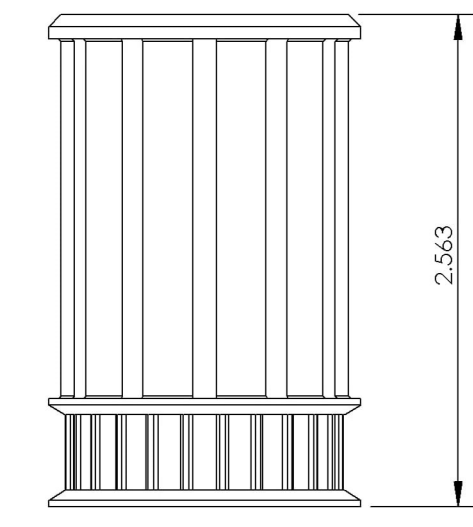
SCALE: 1:2

SHEET 1 OF 1

USE EPA-CF STRONG

PROCESS:

3DP



BUILD PLATE

AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.059		2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P160-R2.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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**24 Teeth Timing Pulley, 5mm
Pitch**

DWG. NO.

OPR26-B-P160-R2

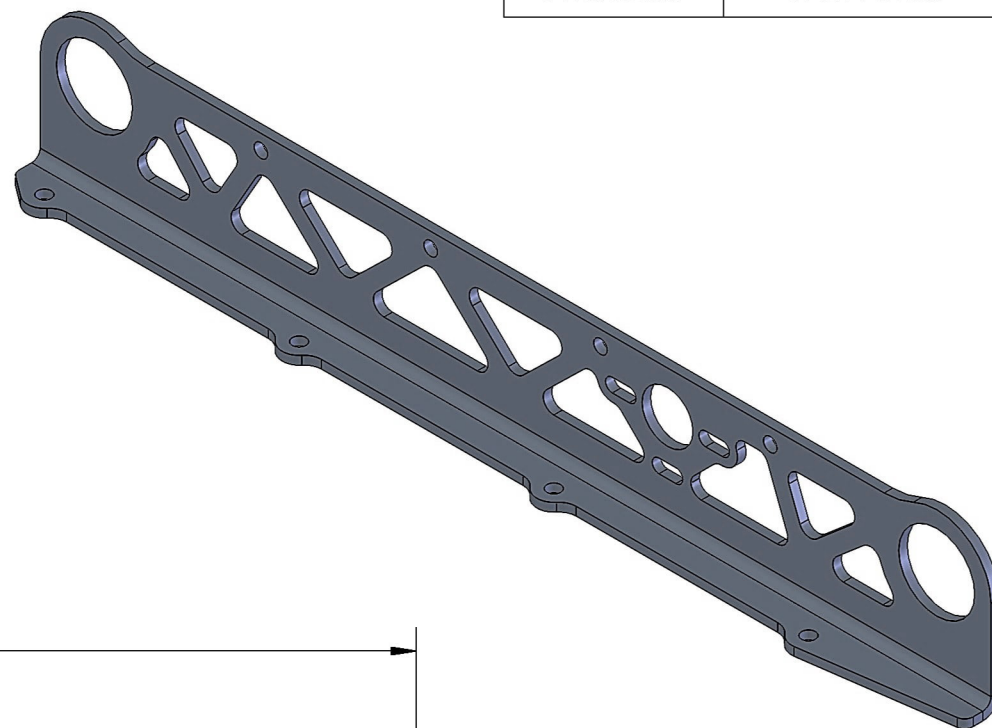
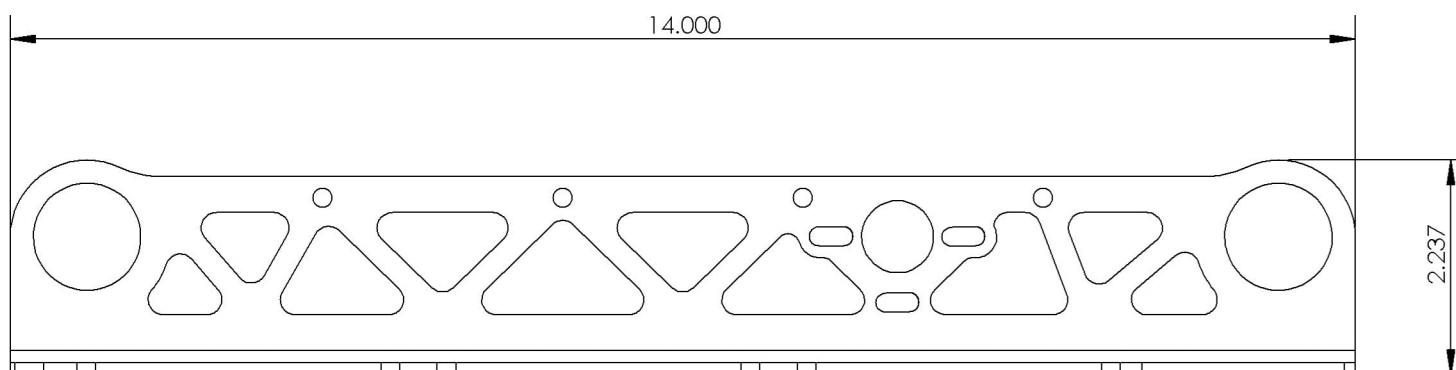
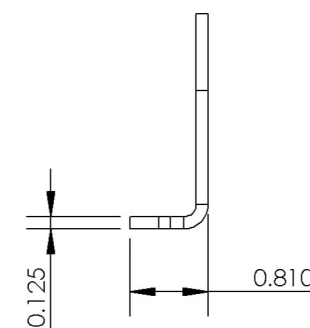
PRINTED ON 2026-09-29

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

FABWORKS

AS SHOWN: 1
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
5052-H32		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.309	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P163.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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SHOOTER SIDE INFEEED

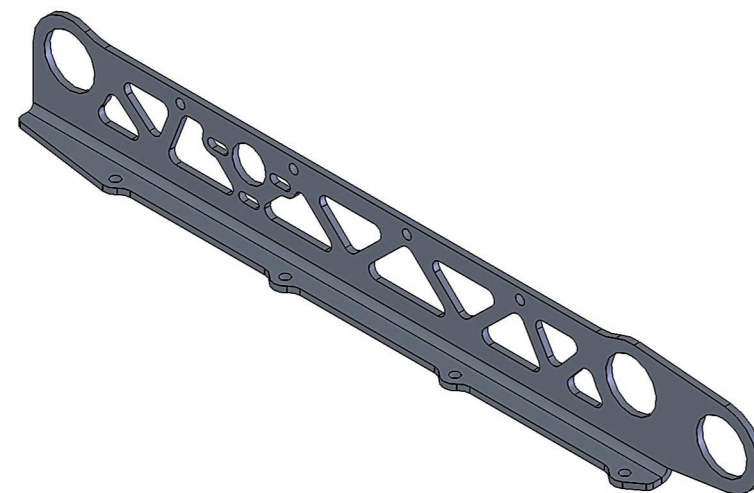
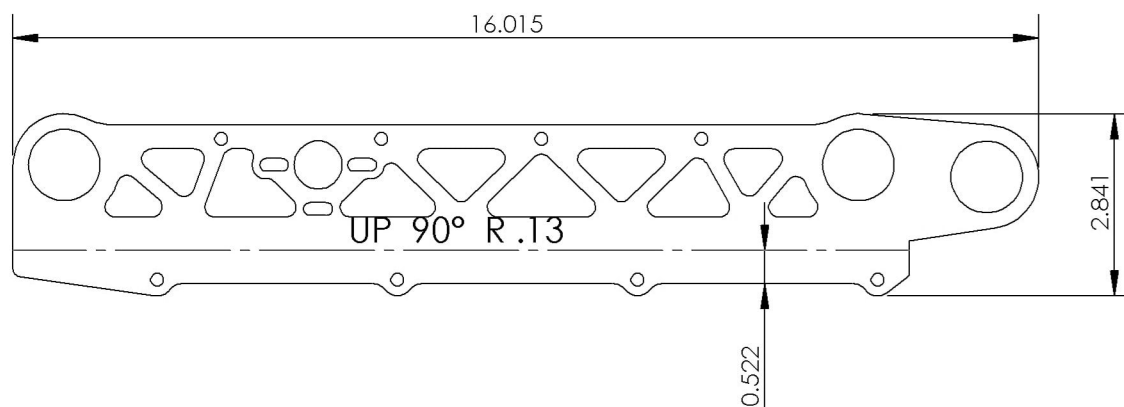
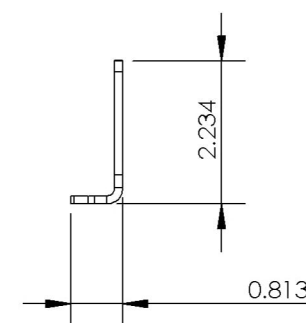
DWG. NO.

OPR26-B-P163

PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1



AS SHOWN: 1
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
0.125 5052-H32 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.336	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P164.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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SHOOTER TOP INFEED

DWG. NO.

OPR26-B-P164

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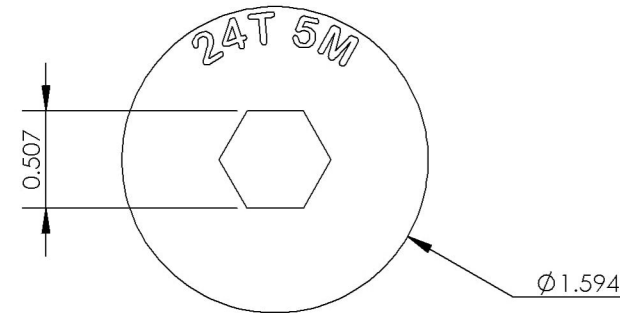
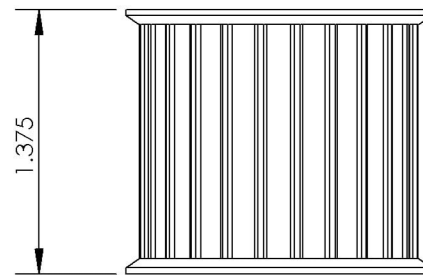
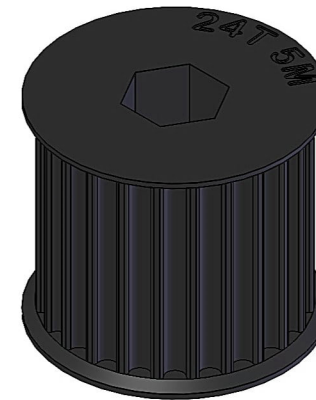
SCALE: 1:3

SHEET 1 OF 1

USE EPA-CF STRONG PROFILE

PROCESS:

3DP



BUILD PLATE

AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.035		2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P165.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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**24 Teeth Timing Pulley, 5mm
Pitch**

DWG. NO.

OPR26-B-P165

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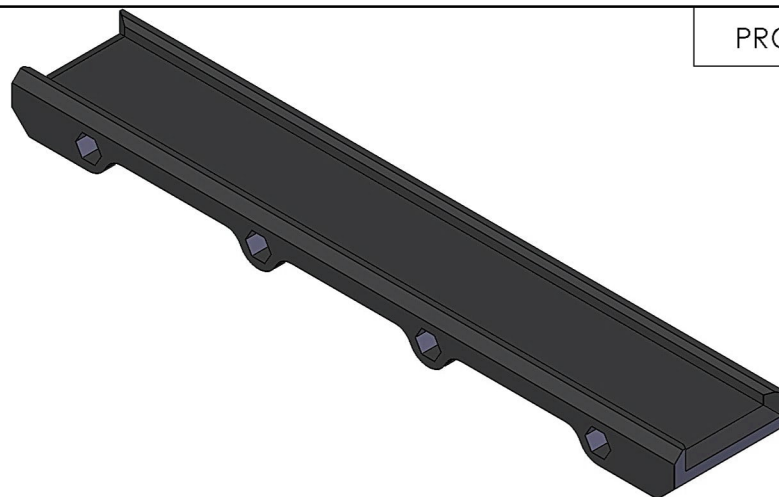
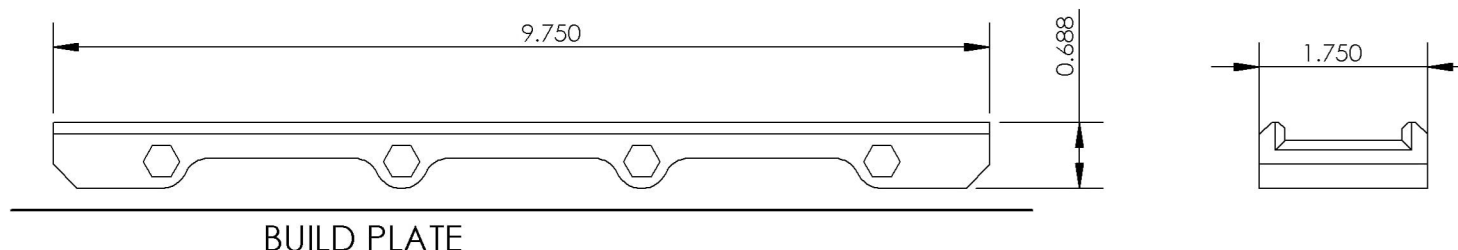
SCALE: 1:1

SHEET 1 OF 1

USE EPA-CF STRONG PROFILE
USE SUPPORTS

PROCESS:

3DP



AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.103		2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P166.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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BELT TRACK

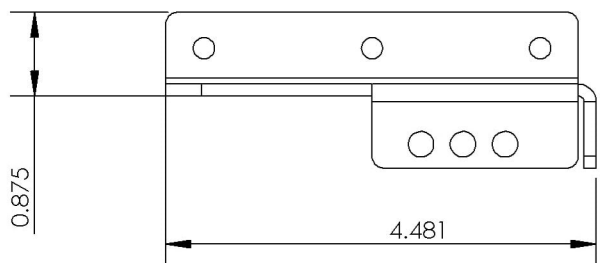
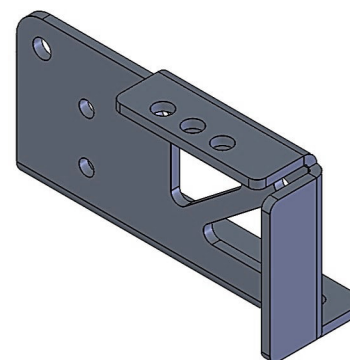
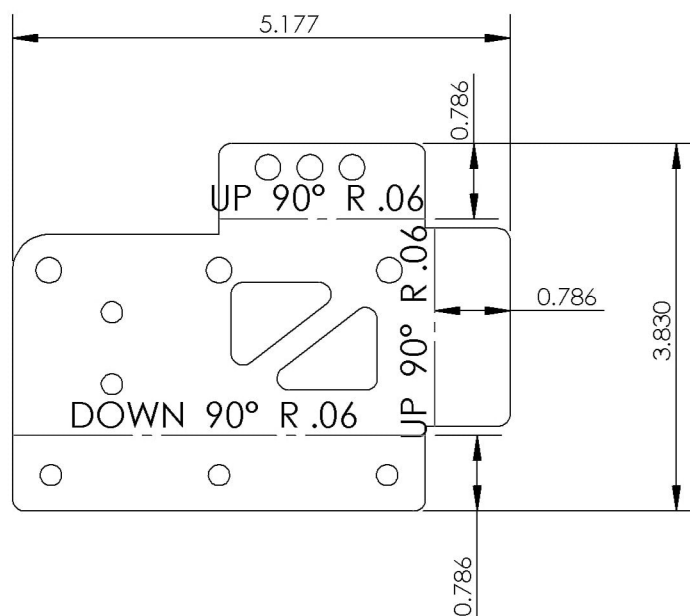
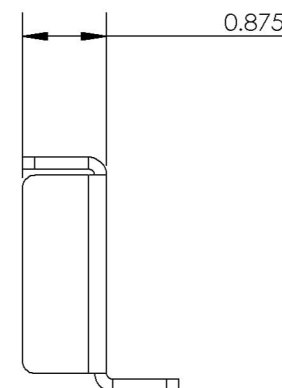
DWG. NO.

OPR26-B-P166

PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1



AS SHOWN: 1
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
0.125 5052-H32 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.175	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P168.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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SHORT HOPPER ROLLER MOUNT

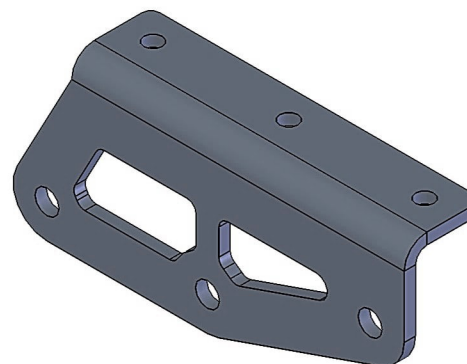
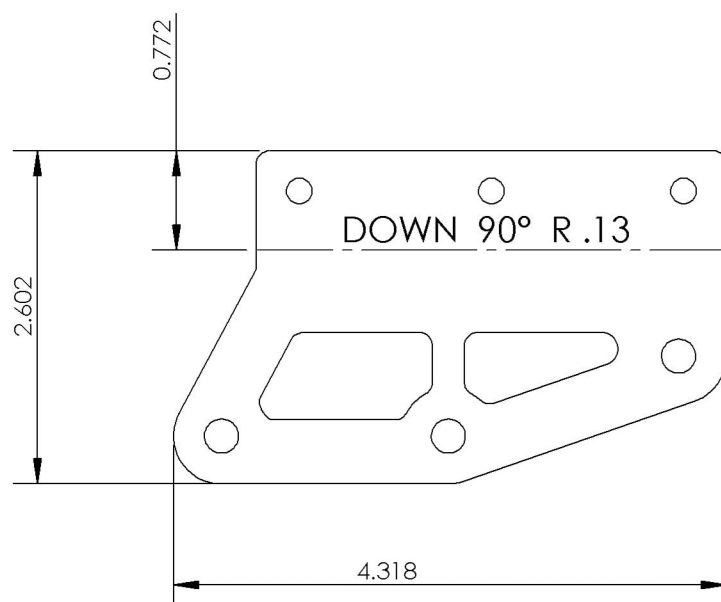
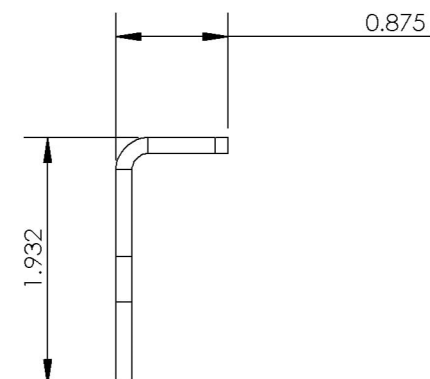
DWG. NO.

OPR26-B-P168

PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1



AS SHOWN: 1
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
0.125 5052-H32 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.095	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P169.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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**CONVEYOR SHORT ROLLER
MOUNT**

DWG. NO.

OPR26-B-P169

PRINTED ON 2026-09-29

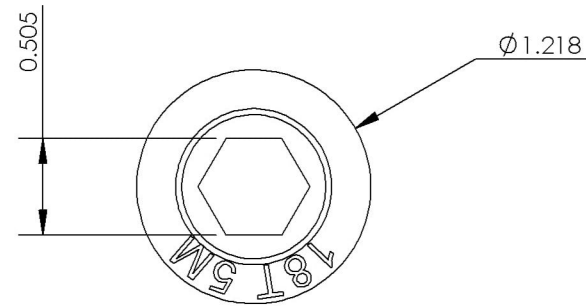
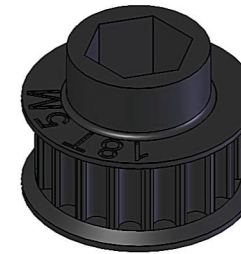
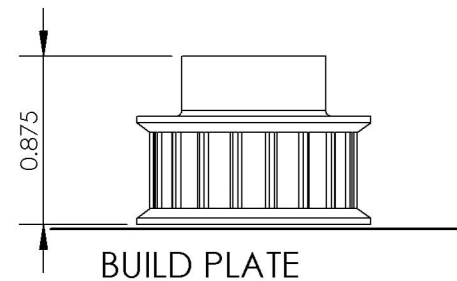
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SHEET 1 OF 1

USE EPA-CF STRONG PROFILE

PROCESS:

3DP



AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.009		2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P170.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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**18 Teeth Timing Pulley, 5mm
Pitch**

DWG. NO.

OPR26-B-P170

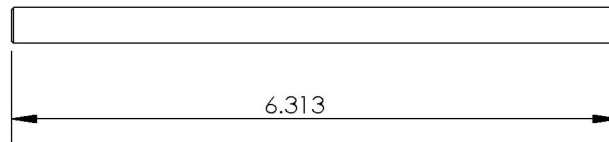
PRINTED ON 2026-09-29

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

LATHE



2X ϕ .201 ∇ .650
1/4-20 UNC ∇ .500



ϕ 0.375

AS SHOWN: 4
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.049	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P171.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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0.375" Tube Axle Stock 6.313"
Long

DWG. NO.

OPR26-B-P171

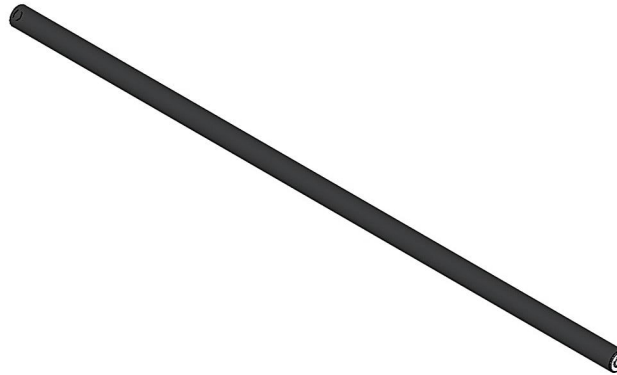
PRINTED ON 20/02/2026

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

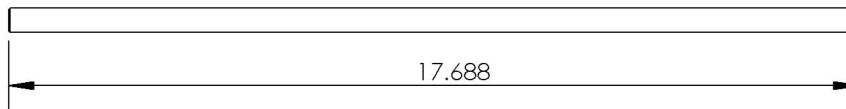
LATHE



2X $\varnothing$.201 ∇ 1.160
 1/4-20 UNC ∇ .500



$\varnothing$ 0.500



17.688

AS SHOWN: 3
 OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.286	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P172.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

OP Robotics

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0.500" Tube Axle Stock 17.688"
 Long

DWG. NO.

OPR26-B-P172

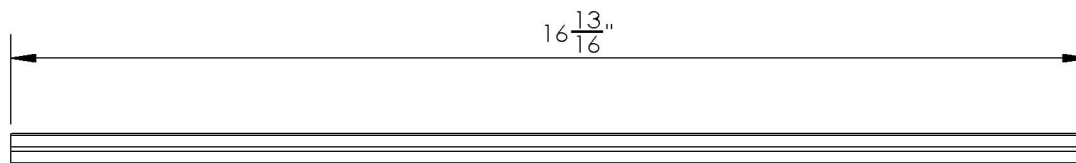
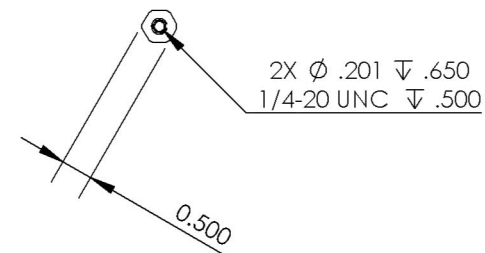
PRINTED ON 20/02/2026

SCALE: 1:4

SHEET 1 OF 1

PROCESS:

LATHE

16 $\frac{13}{16}$ "

2X ϕ .201 ∇ .650
1/4-20 UNC ∇ .500

0.500

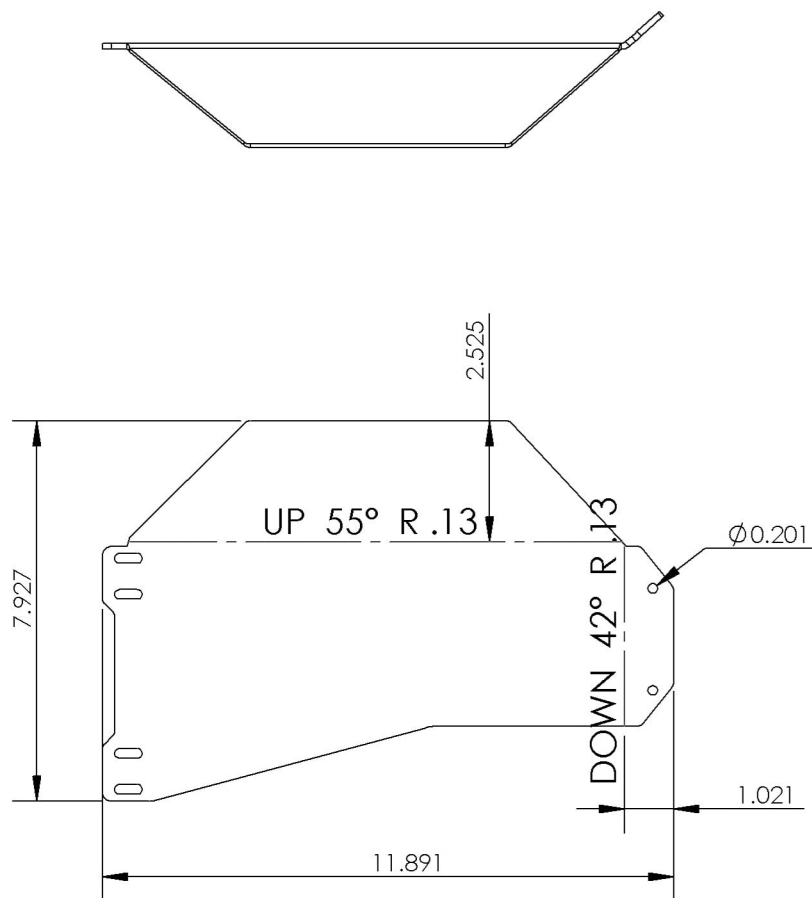
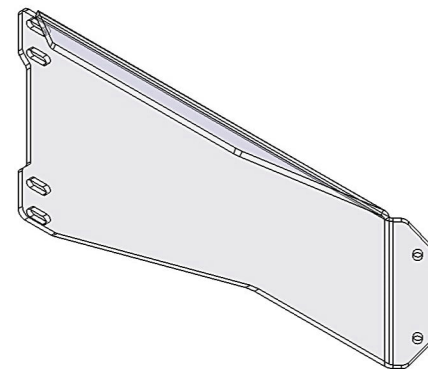
AS SHOWN: 3
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>	
7075-T6 0.500" Rounded Hex 16.813" Long		PRIMARY UNITS	INCHES		
Finish		NO BURRS OR SHARP EDGES		BACK STOP ROD	
NO FINISH		TOLERANCES			
Weight	Drawn By	FRACTIONS		DWG. NO.	
0.328	TH	2 DECIMAL PLACES			
Dimensions per OPR26-B-P172-R2.sldprt or .step		3 DECIMAL PLACES		OPR26-B-P172-R2	
		FLAT PATTERNS			
		ANGULAR DEGREES			
		BENDS			
				PRINTED ON 2026-03-02	
				SCALE: 1:3	
				SHEET 1 OF 1	

PROCESS:

Router



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.125 Lexan Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.375	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P173.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

OP Robotics

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Hopper Guide

DWG. NO.

OPR26-B-P173

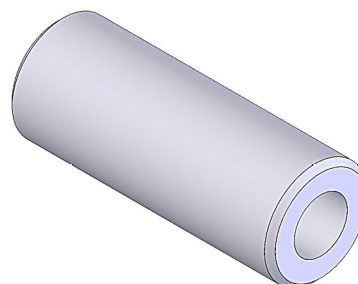
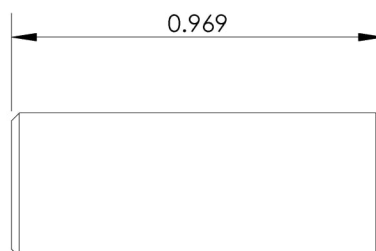
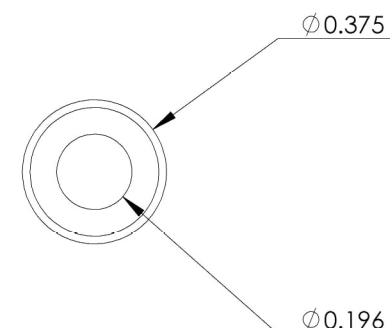
PRINTED ON 2026-02-22

SCALE: 1:4

SHEET 1 OF 1

PROCESS:

LATHE

AS SHOWN:
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.008		2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P176.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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**0.375" Tube Axle Stock 0.969"
Long**

DWG. NO.

OPR26-B-P176

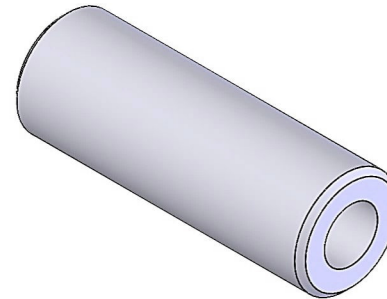
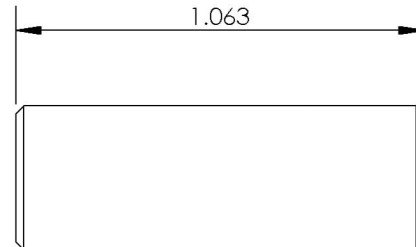
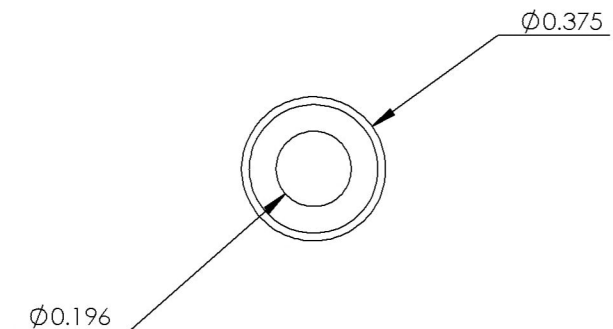
PRINTED ON 3/2/2026

SCALE: 2:1

SHEET 1 OF 1

PROCESS:

LATHE

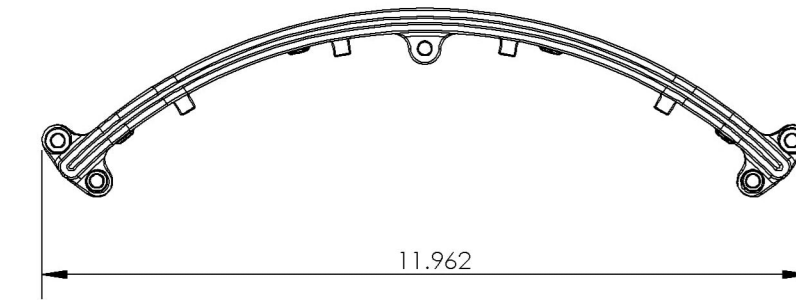
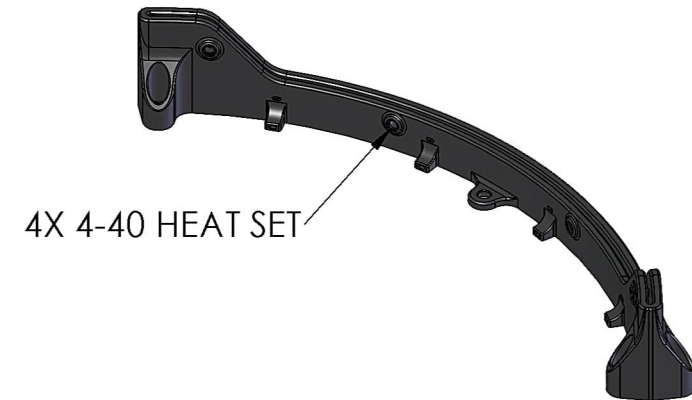
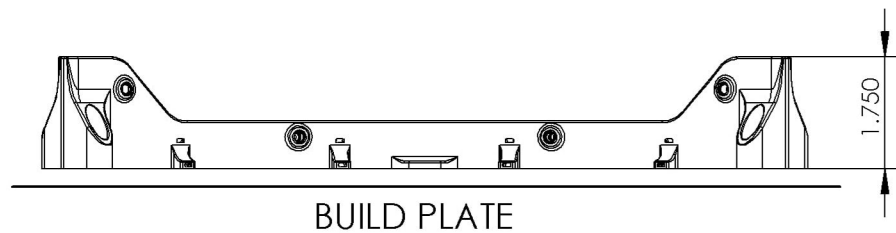
AS SHOWN:
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>		
6061-T6		PRIMARY UNITS INCHES				
Finish		NO BURRS OR SHARP EDGES		0.375" Tube Axle Stock 1.063" Long		
NO FINISH		TOLERANCES				
Weight	Drawn By	FRACTIONS ±1/32"		DWG. NO. OPR26-B-P176-R1		
0.008		2 DECIMAL PLACES ±.010"				
Dimensions per OPR26-B-P176-R1.sldprt or .step		3 DECIMAL PLACES ±.003"		PRINTED ON 3/14/2026 SCALE: 2:1 SHEET 1 OF 1		
		FLAT PATTERNS ±.005"				
		ANGULAR DEGREES ±0.5°				
		BENDS ±0.010"				

USE EPA-CF STRONG

PROCESS:

3DP



AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.091		2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P179-R2.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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VISOR MOUNT

DWG. NO.

OPR26-B-P179-R2

PRINTED ON 2026-09-29

SCALE: 1:3

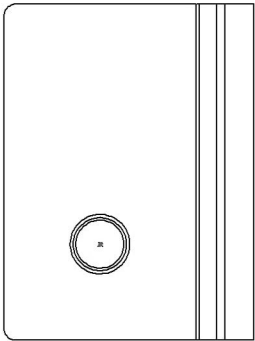
SHEET 1 OF 1

USE EPA-CF STRONG PROFILE

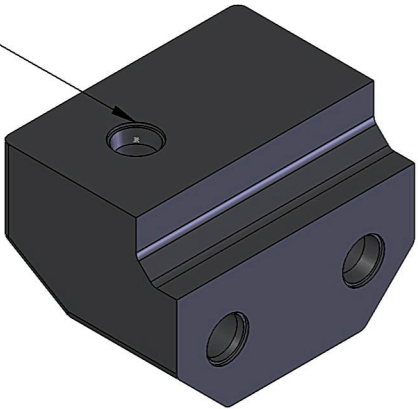
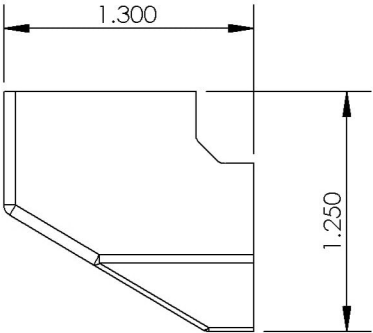
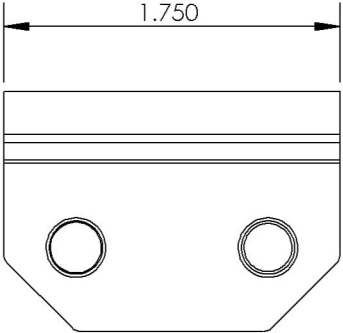
PROCESS:

3DP

3X 10-32 HEAT SET



BUILD PLATE



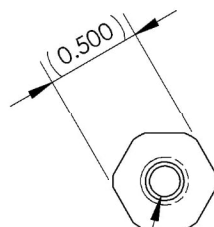
AS SHOWN:
OPPOSITE:



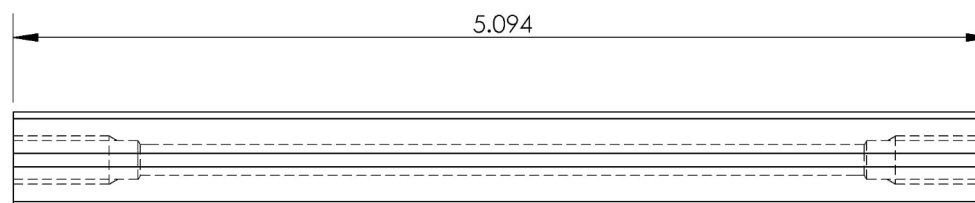
Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div> <div>CABLE TRACK BRACKET</div>				
Onyx		PRIMARY UNITS INCHES						
Finish		NO BURRS OR SHARP EDGES						
NO FINISH		TOLERANCES						
Weight	Drawn By		FRACTIONS ±1/32" 2 DECIMAL PLACES ±.010" 3 DECIMAL PLACES ±.003" FLAT PATTERNS ±.005" ANGULAR DEGREES ±0.5° BENDS ±0.010"		DWG. NO. OPR26-B-P180			
0.039	TH							
Dimensions per OPR26-B-P180.sldprt or .step					PRINTED ON 2026-09-29		SCALE: 1:1	SHEET 1 OF 1

PROCESS:

LATHE



2X $\varnothing$.201 ∇ .650
1/4-20 UNC ∇ .500



AS SHOWN: 1
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
7075-T6 0.500" Rounded Hex 5.094" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.098	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P181.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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SHOOTER FEED SHAFT SMALL

DWG. NO.

OPR26-B-P181

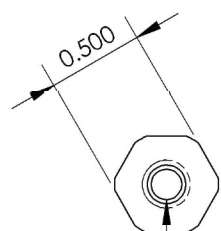
PRINTED ON 2026-02-20

SCALE: 1:1

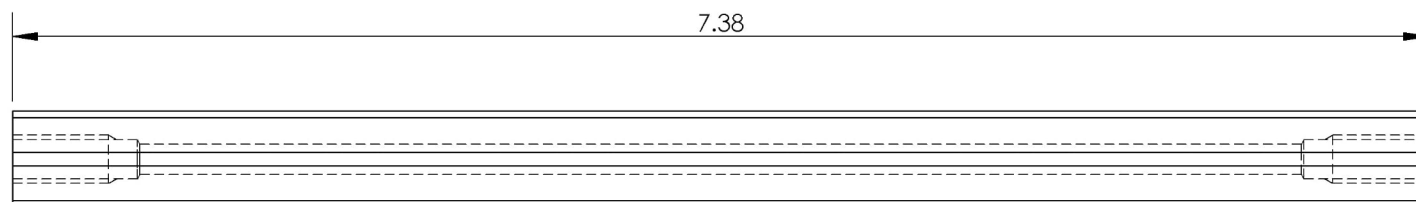
SHEET 1 OF 1

PROCESS:

LATHE



2X ϕ .201 ∇ .650
1/4-20 UNC ∇ .500



AS SHOWN: 1
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
7075-T6 0.500" Rounded Hex 7.375" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.143	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P182.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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SHOOTER FEED SHAFT LONG

DWG. NO.

OPR26-B-P182

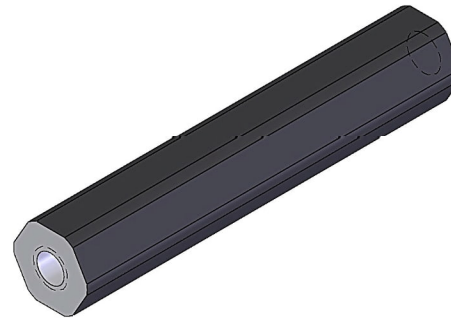
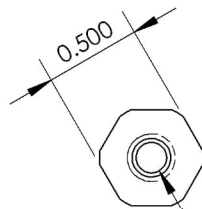
PRINTED ON 2026-02-20

SCALE: 1:1

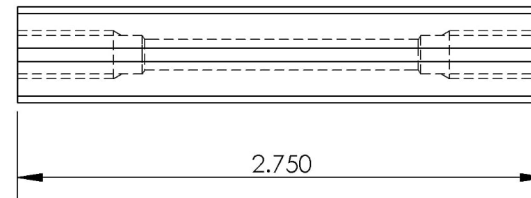
SHEET 1 OF 1

PROCESS:

LATHE



2X ϕ .201 ∇ .650
1/4-20 UNC ∇ .500



2.750

AS SHOWN: 3
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
7075-T6 0.500" Rounded Hex 2.750" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.052	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P184.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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BELT DRIVE SHAFT

DWG. NO.

OPR26-B-P184

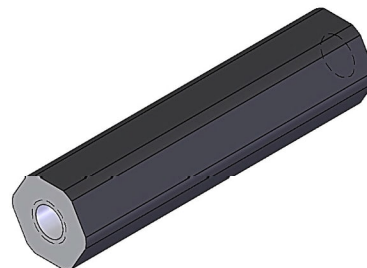
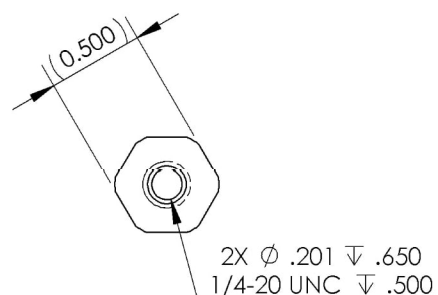
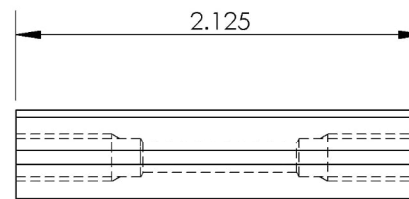
PRINTED ON 2026-02-20

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

LATHE



AS SHOWN: 3
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
7075-T6 0.500" Rounded Hex 2.125" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.040	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P185.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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BELT FEED IDLER SHAFT

DWG. NO.

OPR26-B-P185

PRINTED ON 2026-02-20

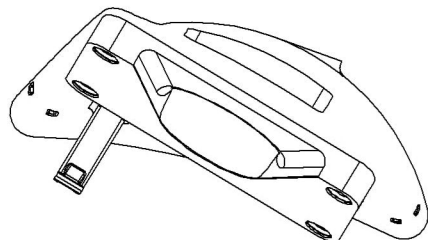
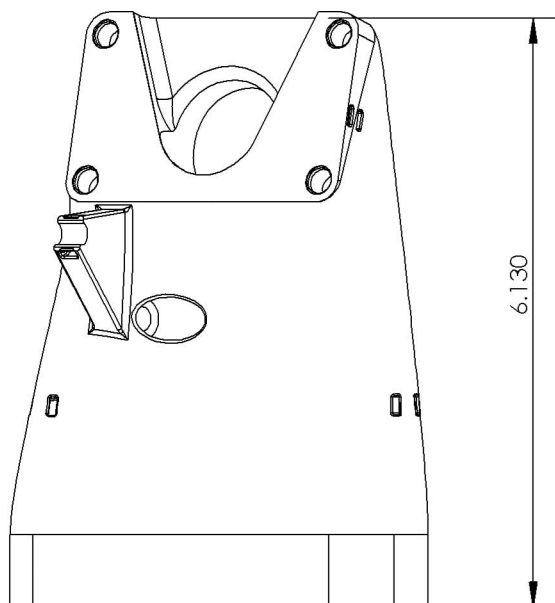
SCALE: 1:1

SHEET 1 OF 1

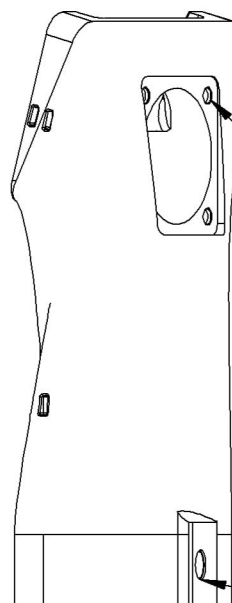
USE EPA-CF STRONG PROFILE
ENABLE SUPPORTS

PROCESS:

3DP



BUILD PLATE



4X 4-40 HEAT SET

8X 10-32 HEAT SET

AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.444	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P187-R1.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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REAR CAMERA BRACKET

DWG. NO.

OPR26-B-P187-R1

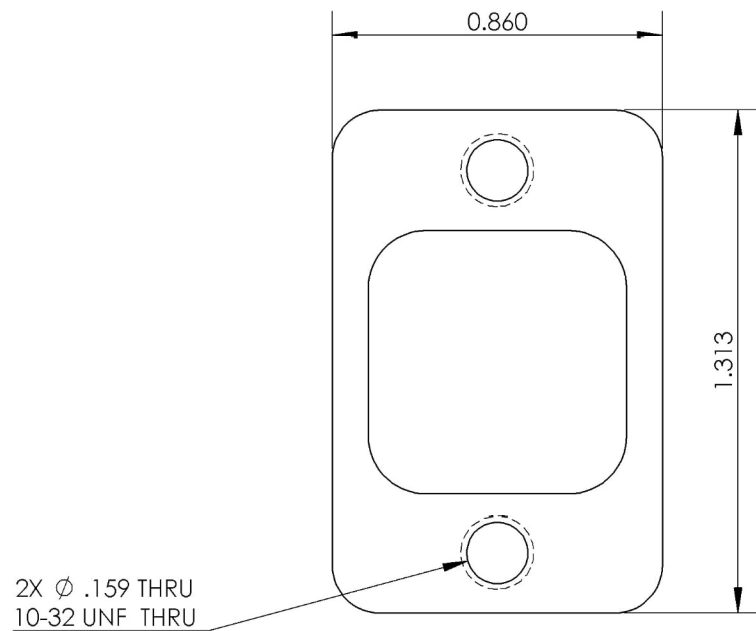
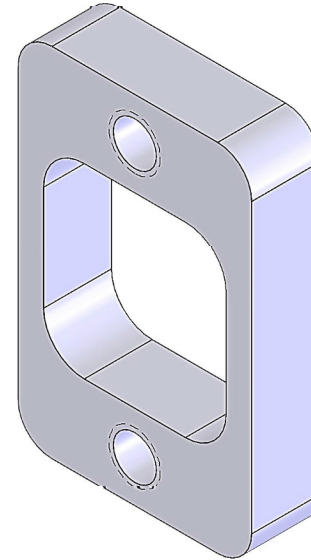
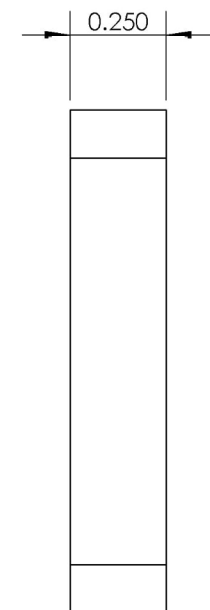
PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

MILL



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.250" x 0.860" x 1.313" x 6061-T6 FB		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.015	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P188.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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UPRIGHT NUTPLATE

DWG. NO.

OPR26-B-P188

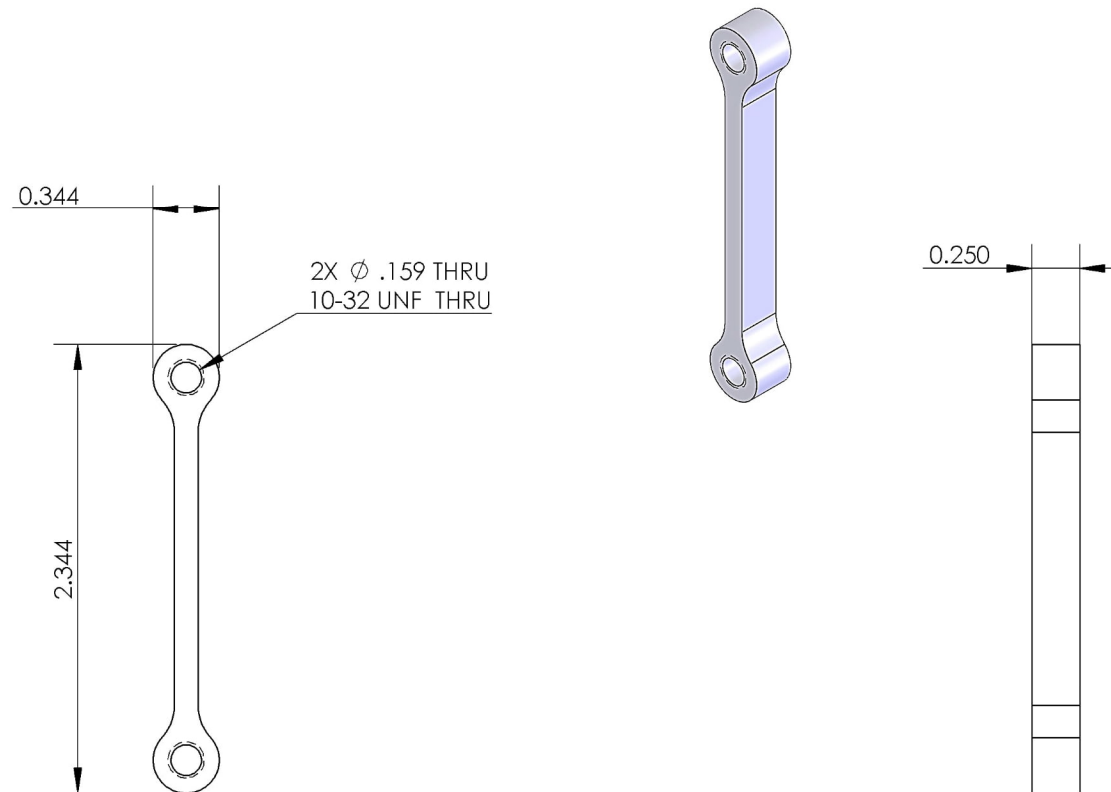
PRINTED ON 2026-02-20

SCALE: 2:1

SHEET 1 OF 1

PROCESS:

MILL



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.250" x 0.344" x 2.344" x 6061-T6 FB		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.009	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P189.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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**CORNER UP RIGHT NUT
PLATE**

DWG. NO.

OPR26-B-P189

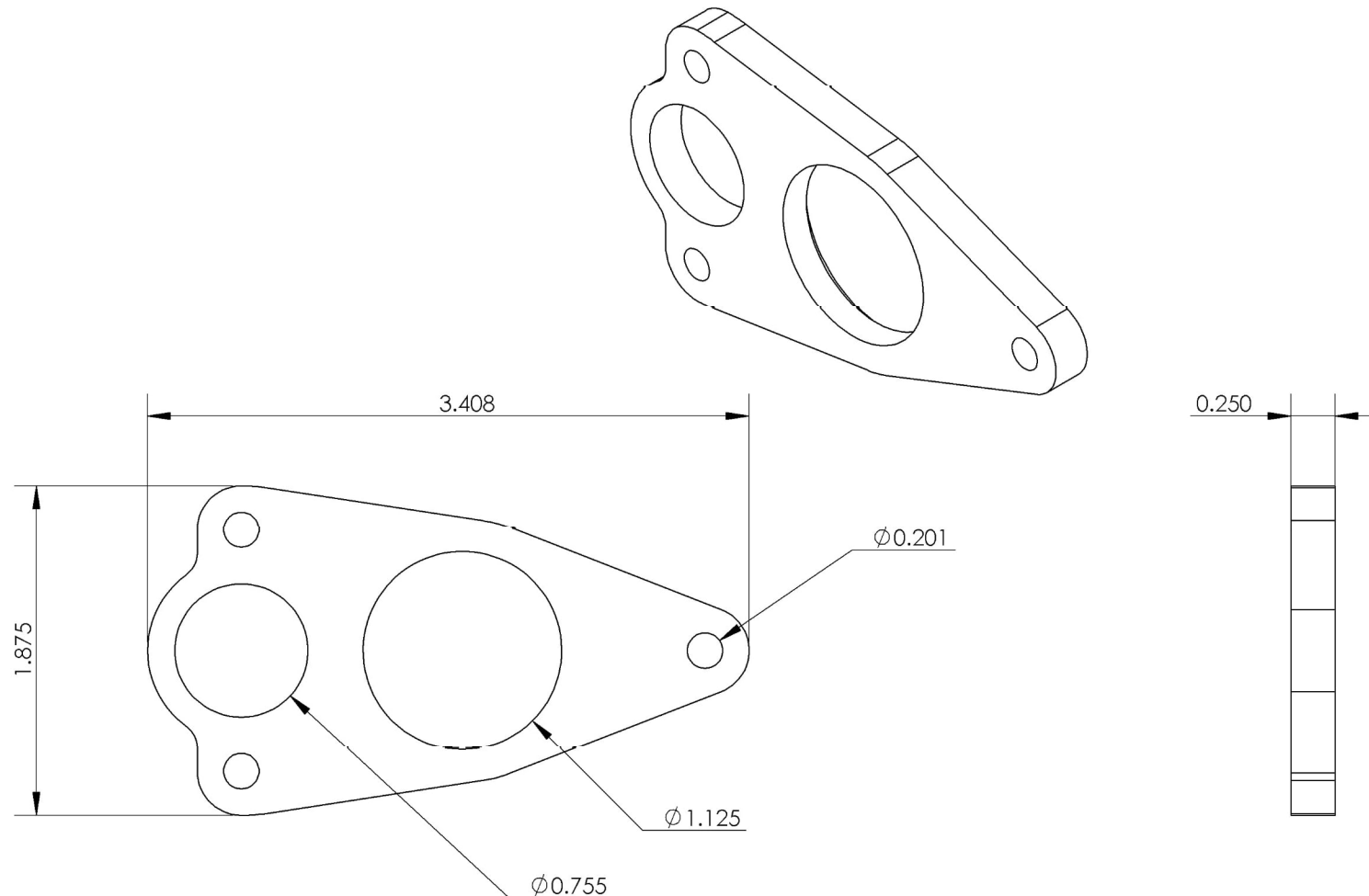
PRINTED ON 2026-02-20

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

CNC

AS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
0.250 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.067	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P190.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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TURRET GEARBOX PLATE

DWG. NO.

OPR26-B-P190

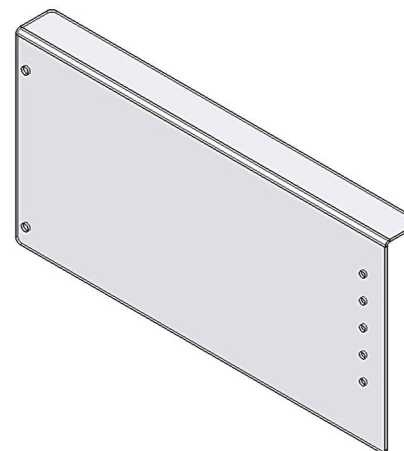
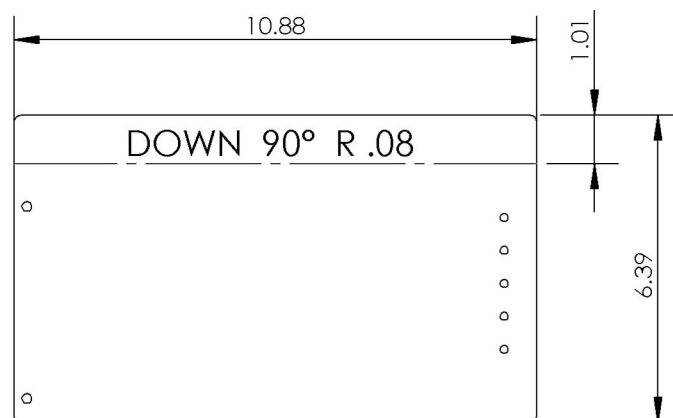
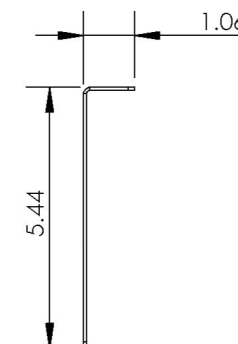
PRINTED ON 2026-02-20

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

Router



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.063 Lexan Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.186	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P192.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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Hopper Back Piece

DWG. NO.

OPR26-B-P192

PRINTED ON 2026-02-22

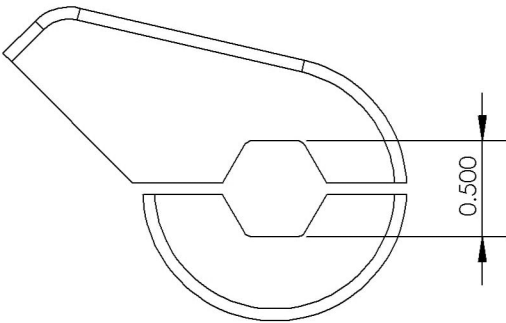
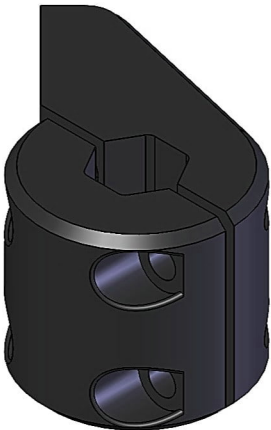
SCALE: 1:4

SHEET 1 OF 1

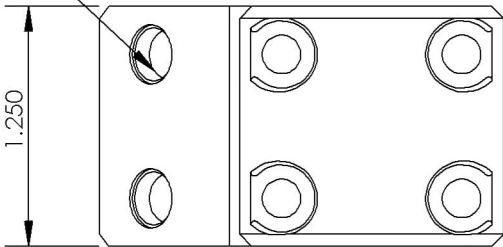
USE EPA-CF STRONG PROFILE

PROCESS:

3DP



6X 10-32 HEAT SET



BUILD PLATE

AS SHOWN:
OPPOSITE:

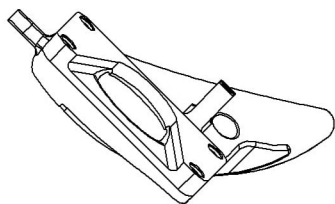
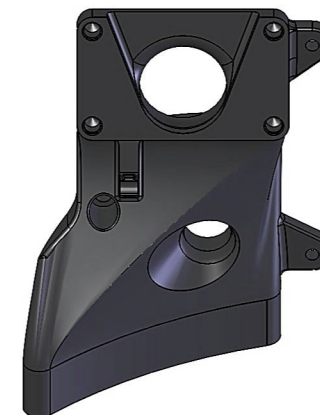
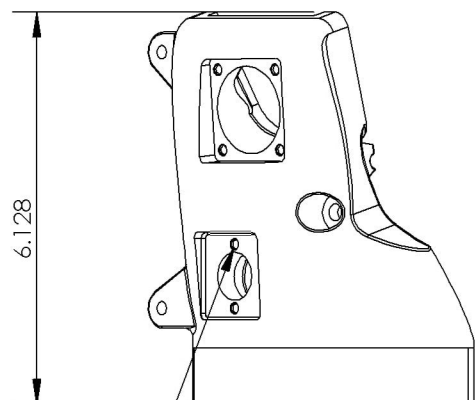


Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>		
Onyx		PRIMARY UNITS INCHES				
Finish		NO BURRS OR SHARP EDGES		ROLLER CLAMP		
NO FINISH		TOLERANCES				
Weight	Drawn By		FRACTIONS	±1/32"	DWG. NO. OPR26-B-P193-R1	
0.039			2 DECIMAL PLACES	±.010"		
Dimensions per OPR26-B-P193-R1.sldprt or .step			3 DECIMAL PLACES	±.003"	PRINTED ON 2026-09-29 SCALE: 1:1 SHEET 1 OF 1	
			FLAT PATTERNS	±.005"		
			ANGULAR DEGREES	±0.5°		
			BENDS	±0.010"		

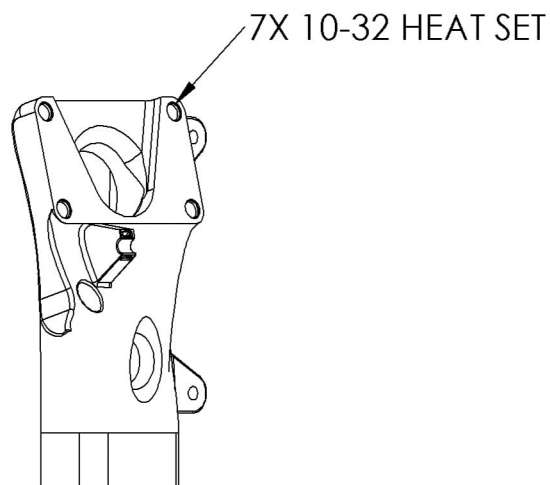
USE EPA-CF STRONG PROFILE

PROCESS:

3DP



6.128



7X 10-32 HEAT SET

6X 4-40 HEAT SET BUILD PLATE

AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.390	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P194-R2.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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FRONT CAMERA MOUNT

DWG. NO.

OPR26-B-P194-R2

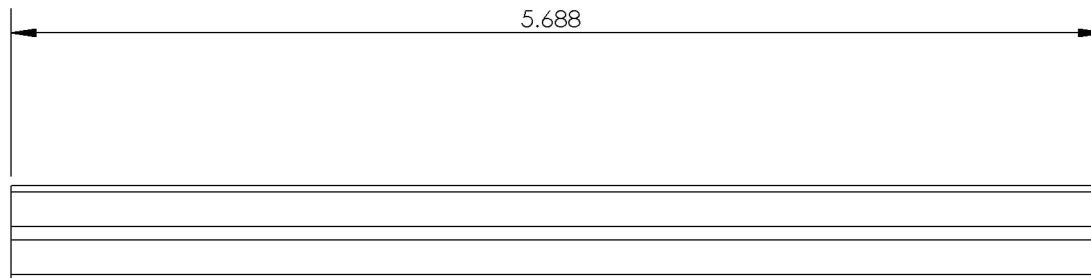
PRINTED ON 2026-09-29

SCALE: 1:3

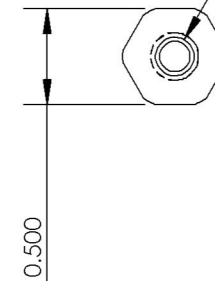
SHEET 1 OF 1

PROCESS:

LATHE



2X ϕ .201 ∇ .650
1/4-20 UNC ∇ .500



AS SHOWN: 1
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
7075-T6 0.500" Rounded Hex 5.688" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.110		2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P196.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

OP Robotics

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Camera Connecting Bar

DWG. NO.

OPR26-B-P196

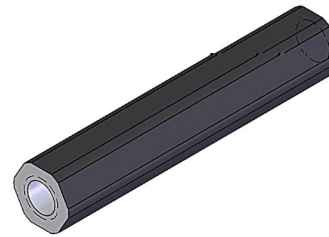
PRINTED ON 2026-03-01

SCALE: 1:1

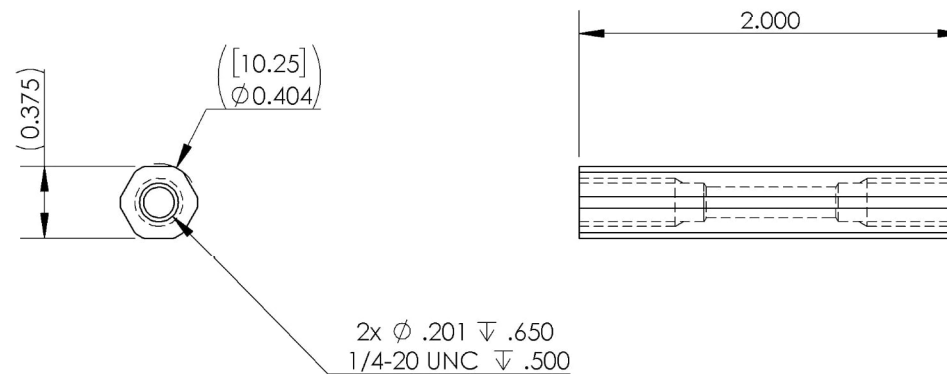
SHEET 1 OF 1

PROCESS:

LATHE



THIS MUST BE 3/8" ROUNDED HEX
USE THRIFTY BOT STOCK



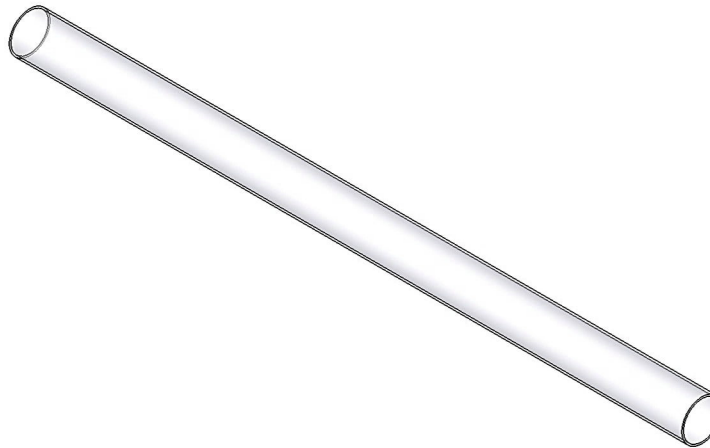
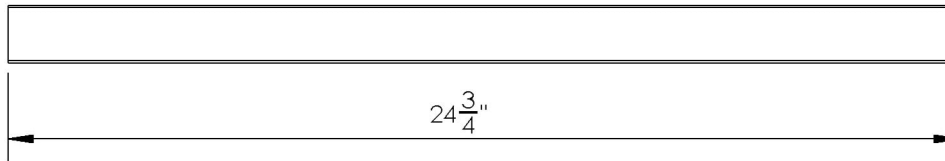
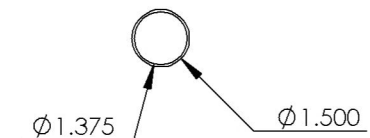
AS SHOWN: 13
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>	
7075-T6 0.375" Rounded Hex 2.000" Long		PRIMARY UNITS INCHES			
Finish		NO BURRS OR SHARP EDGES		Roller Stub Shaft	
NO FINISH		TOLERANCES			
Weight	Drawn By		DWG. NO.		
0.019	TH				
Dimensions per OPR26-B-P401.sldprt or .step		FRACTIONS		± 1/32"	
		2 DECIMAL PLACES		± .010"	
		3 DECIMAL PLACES		± .003"	
		FLAT PATTERNS		± .005"	
		ANGULAR DEGREES		± 0.5°	
		BENDS		± 0.010"	
				PRINTED ON 2026-02-20	
				SCALE: 1:1	
				SHEET 1 OF 1	

PROCESS:

LATHE



AS SHOWN: 8
OPPOSITE: 0

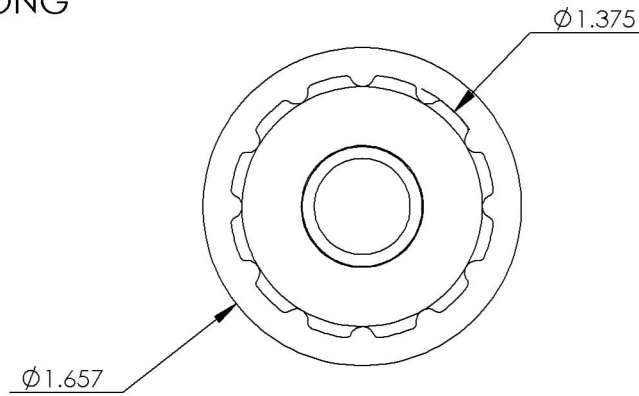
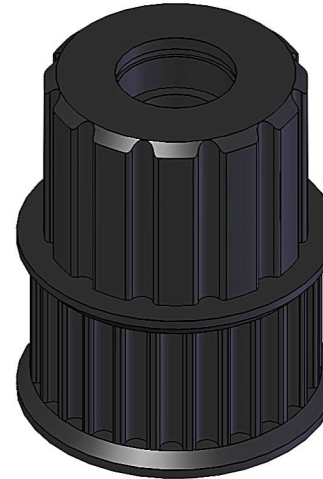
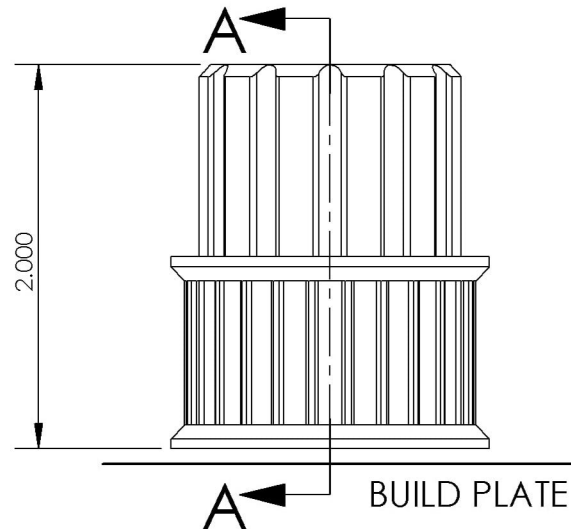
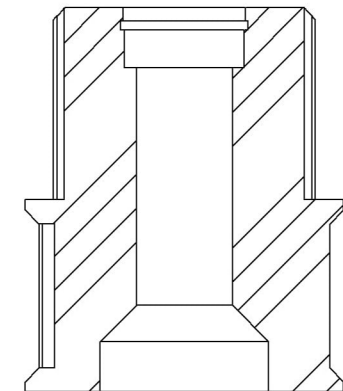


Material		UNLESS OTHERWISE SPECIFIED	
1.500"OD, 0.063" Wall Lexan Round Tube 24.750"		PRIMARY UNITS	INCHES
Long Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.300	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P402.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"
		OP Robotics www.2056.ca Roller use McMaster 8585K207	
		DWG. NO. OPR26-B-P402	
		PRINTED ON 20/02/2026	SCALE: 1:5 SHEET 1 OF 1

USE EPA-CF STRONG

PROCESS:

3DP



SECTION A-A

AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.051		2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P403.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

OP Robotics

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**25 Teeth Timing Pulley, 5mm
Pitch**

DWG. NO.

OPR26-B-P403

PRINTED ON 2026-09-29

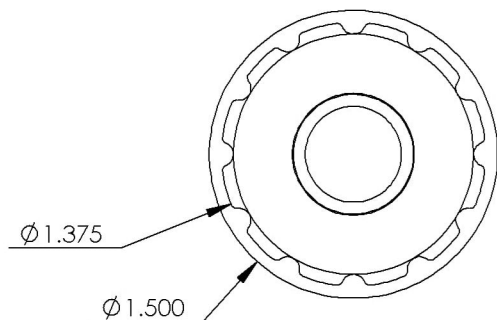
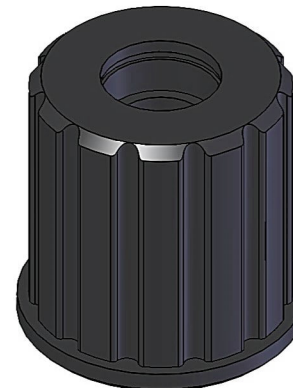
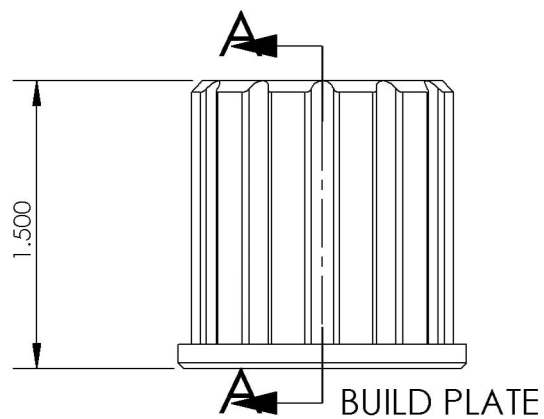
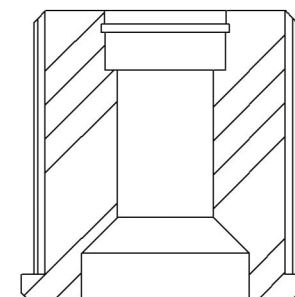
SCALE: 1:1

SHEET 1 OF 1

USE EPA-CF STRONG PROFILE

PROCESS:

3DP



SECTION A-A

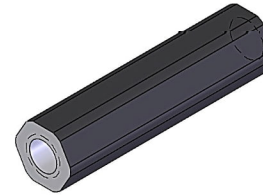
AS SHOWN:
OPPOSITE: 0



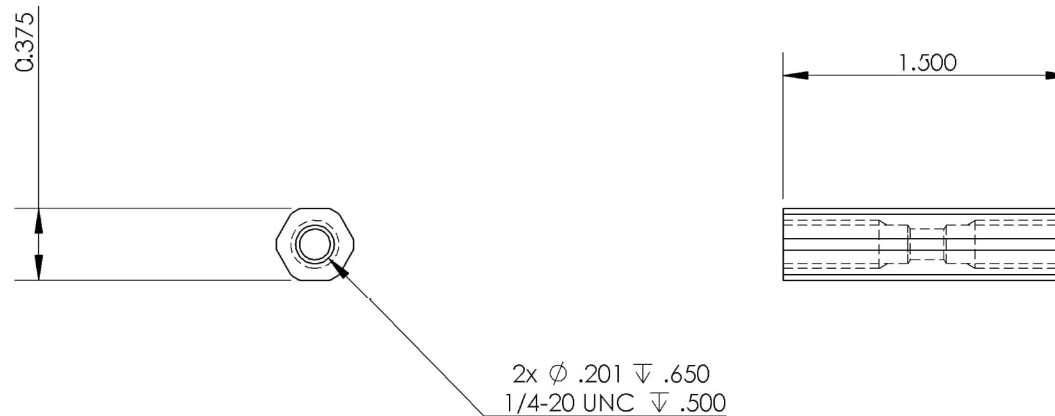
Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div> <div>NON DRIVE ROLLER PLUG</div>
1.500" ESun EPA-CF Round Bar 1.500" Long		PRIMARY UNITS	INCHES	
Finish		NO BURRS OR SHARP EDGES		
NO FINISH		TOLERANCES		
Weight	Drawn By	FRACTIONS	±1/32"	<div>DWG. NO.</div> <div>OPR26-B-P404</div>
0.034	TH	2 DECIMAL PLACES	±.010"	
Dimensions per OPR26-B-P404.sldprt or .step		3 DECIMAL PLACES	±.003"	
		FLAT PATTERNS	±.005"	
		ANGULAR DEGREES	±0.5°	<div>PRINTED ON 2026-09-29</div> <div>SCALE: 1:1</div> <div>SHEET 1 OF 1</div>
		BENDS	±0.010"	

PROCESS:

LATHE



THIS MUST BE 3/8" ROUNDED HEX
USE THRIFTY BOT STOCK



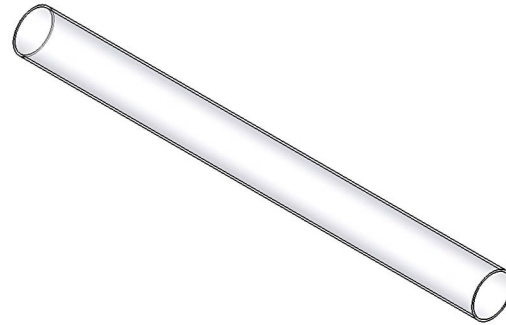
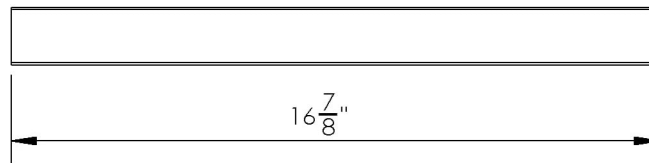
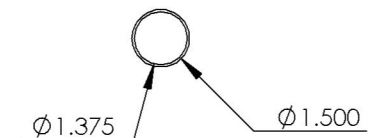
AS SHOWN: 13
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>			
7075-T6 0.375" Rounded Hex 1.500" Long		PRIMARY UNITS INCHES					
Finish		NO BURRS OR SHARP EDGES		ROLLER STUB SHAFT			
NO FINISH		TOLERANCES					
Weight	Drawn By	FRACTIONS ± 1/32" 2 DECIMAL PLACES ± .010" 3 DECIMAL PLACES ± .003" FLAT PATTERNS ± .005" ANGULAR DEGREES ± 0.5° BENDS ± 0.010"		DWG. NO.			
0.014	TH			OPR26-B-P405			
Dimensions per OPR26-B-P405.sldprt or .step				PRINTED ON 2026-02-20		SCALE: 1:1	SHEET 1 OF 1

PROCESS:

LATHE



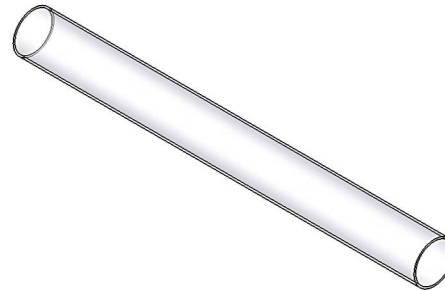
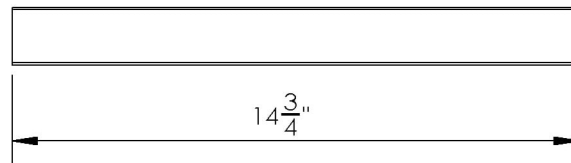
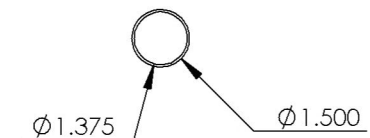
AS SHOWN: 4
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div> <div>Roller use 8585k207</div>					
1.500"OD, 0.063" Wall Lexan Round Tube 16.875"		PRIMARY UNITS	INCHES				<div>DWG. NO.</div> <div>OPR26-B-P408</div> <div>PRINTED ON 2026-02-20</div> <div>SCALE: 1:5</div> <div>SHEET 1 OF 1</div>		
Long		NO BURRS OR SHARP EDGES							
Finish		TOLERANCES							
NO FINISH									
Weight	Drawn By								
0.205	TH								
Dimensions per OPR26-B-P408.sldprt or .step		FRACTIONS		±1/32"					
		2 DECIMAL PLACES		±.010"					
		3 DECIMAL PLACES		±.003"					
		FLAT PATTERNS		±.005"					
		ANGULAR DEGREES		±0.5°					
		BENDS		±0.010"					

PROCESS:

LATHE



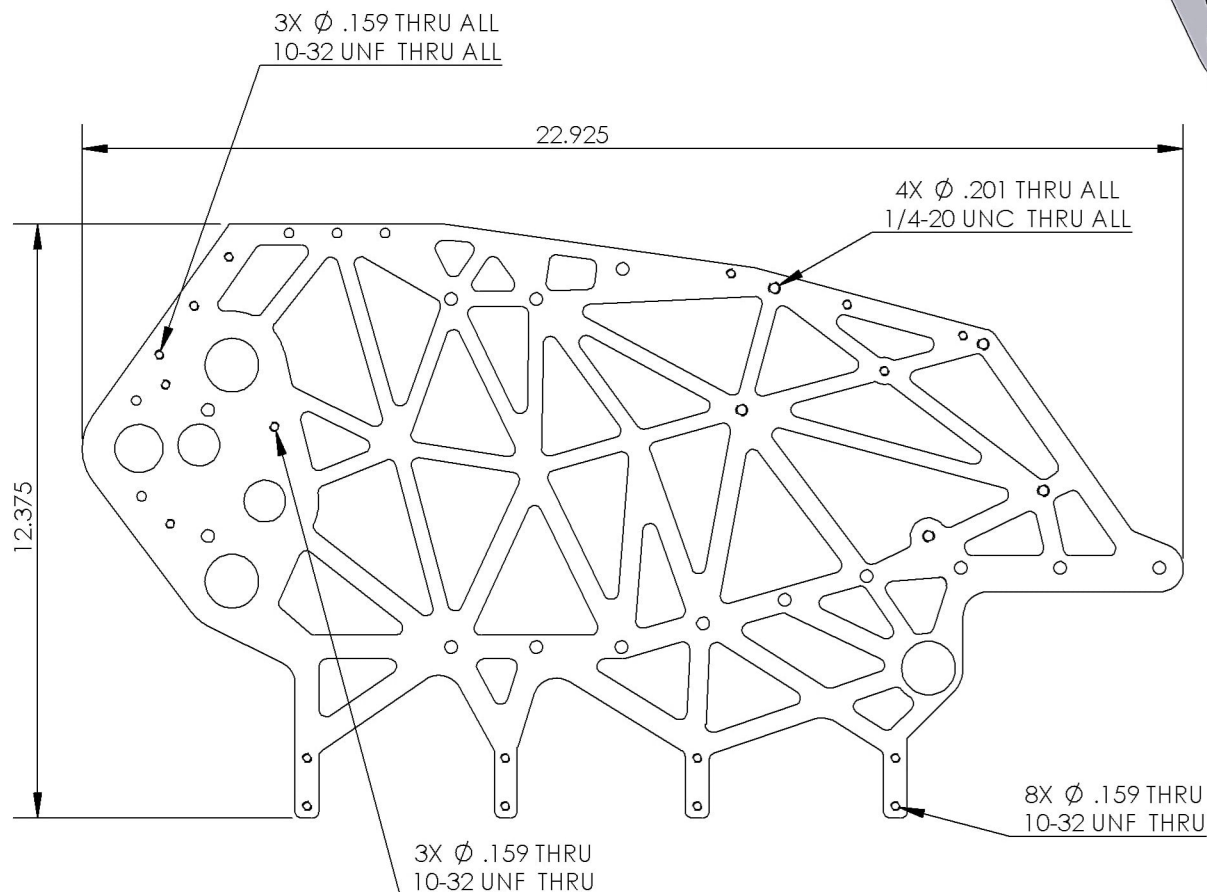
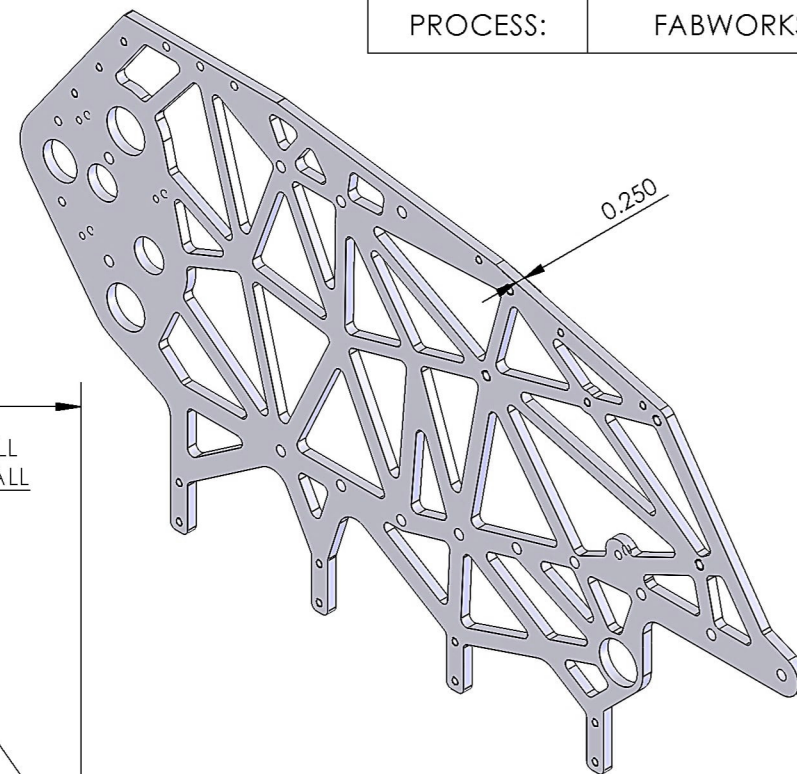
AS SHOWN: 3
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>	
1.500"OD, 0.063" Wall Lexan Round Tube 14.750"		PRIMARY UNITS	INCHES		
Long Finish		NO BURRS OR SHARP EDGES		Roller use 8585k207	
NO FINISH		TOLERANCES			
Weight	Drawn By	FRACTIONS		DWG. NO. OPR26-B-P409	
0.179	TH	2 DECIMAL PLACES ±1/32"			
Dimensions per OPR26-B-P409.sldprt or .step		3 DECIMAL PLACES ±.010"			
		FLAT PATTERNS ±.003"			
		ANGULAR DEGREES ±.005"			
		BENDS ±0.5° ±0.010"		PRINTED ON 20/02/2026	
				SCALE: 1:5	
				SHEET 1 OF 1	

PROCESS:

FABWORKS

AS SHOWN: 1
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
2.268	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P450.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

OP Robotics

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CONVEYOR SIDE FRAME

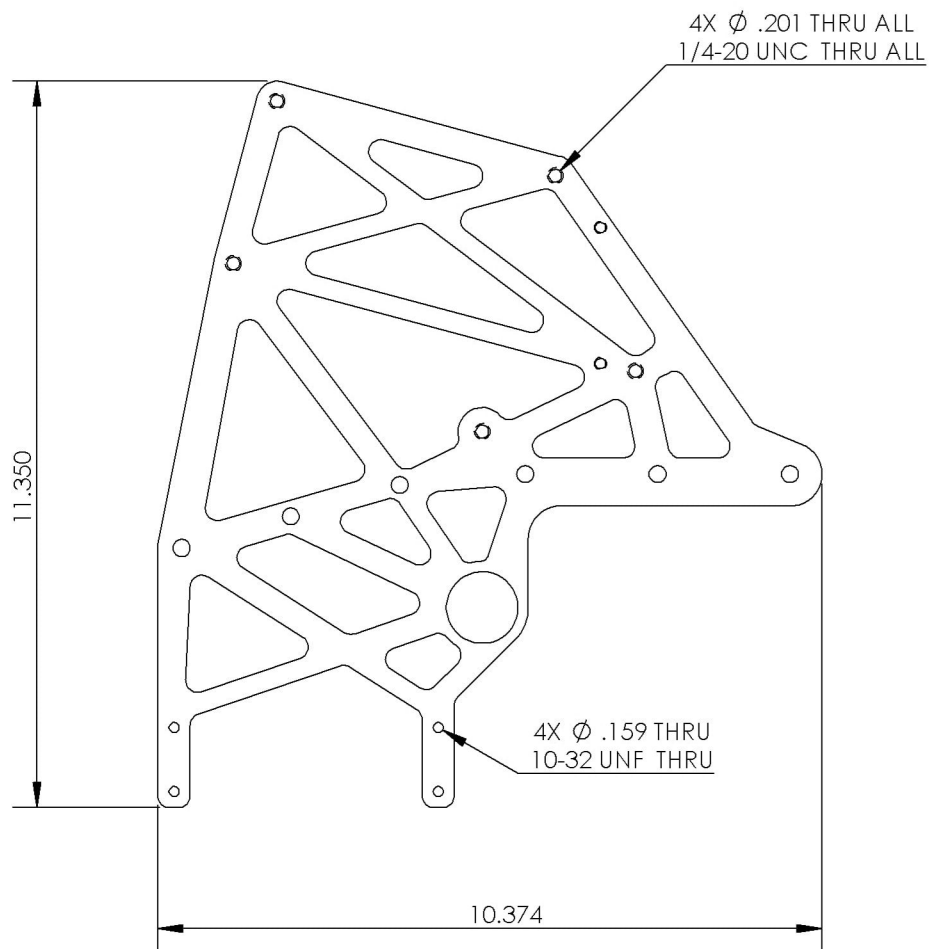
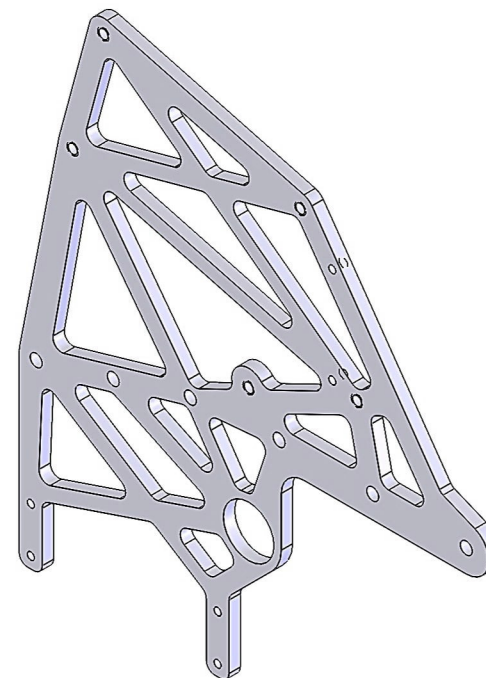
DWG. NO.

OPR26-B-P450

PRINTED ON 2026-09-29

SCALE: 1:4

SHEET 1 OF 1



AS SHOWN: 1
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.806	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P451.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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**CONVEYOR SIDE FRAME
SHORT**

DWG. NO.

OPR26-B-P451

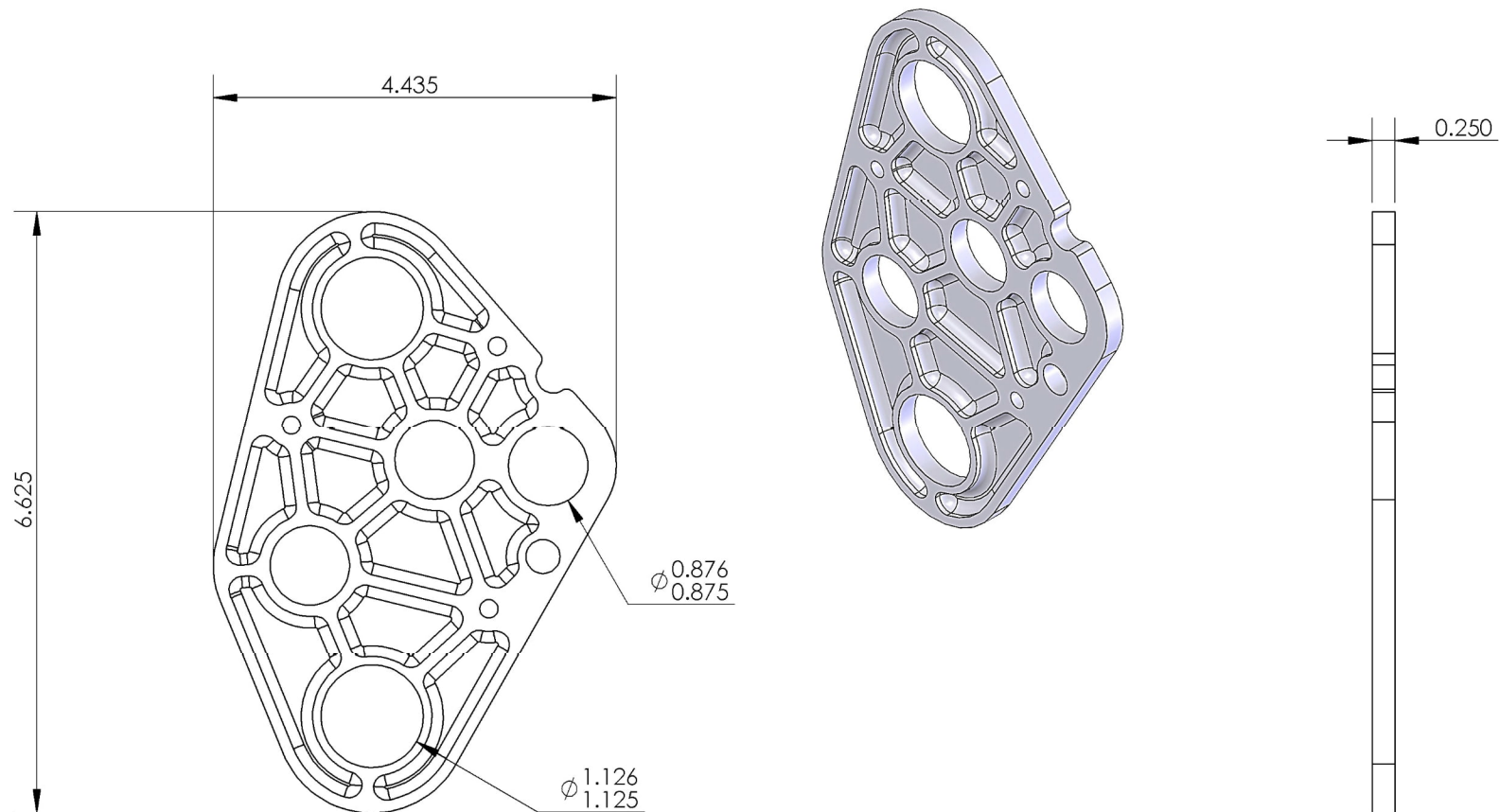
PRINTED ON 2026-09-29

SCALE: 1:3

SHEET 1 OF 1

PROCESS:

CNC

AS SHOWN: 1
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.227	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P453.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

OP Robotics

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CONVEYOR GEARBOX PLATE

DWG. NO.

OPR26-B-P453

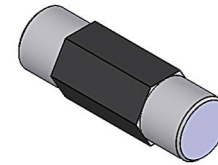
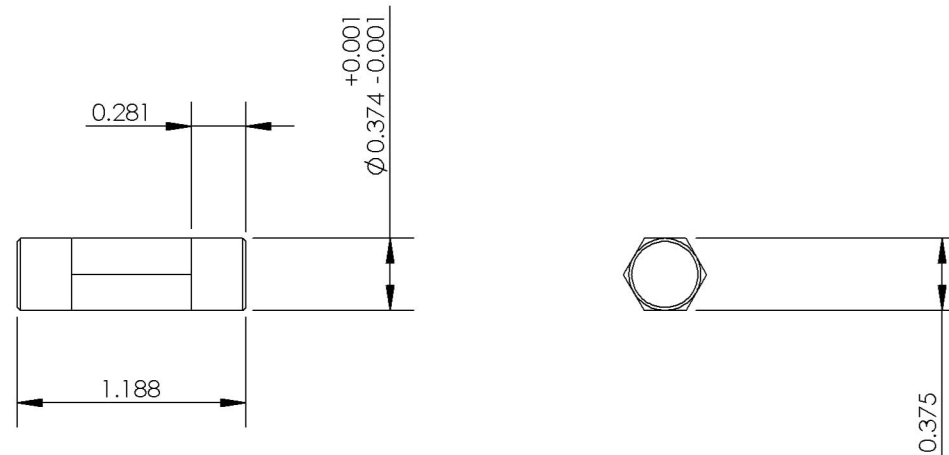
PRINTED ON 2026-02-20

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

LATHE



AS SHOWN: 3
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
7075-T6 0.375" Hex Bar 1.188" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.014	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P454.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

OP Robotics

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**HOPPER ROLLER
INTERMEDIATE SHAFT**

DWG. NO.

OPR26-B-P454

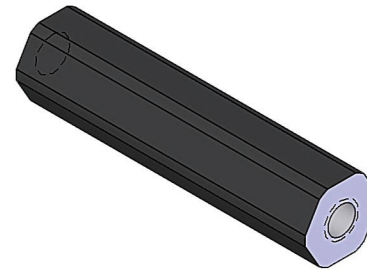
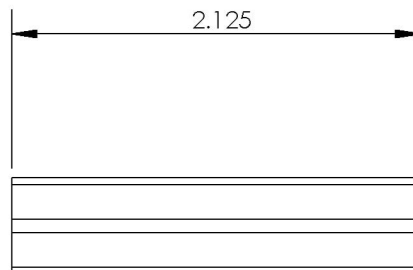
PRINTED ON 20/02/2026

SCALE: 1:1

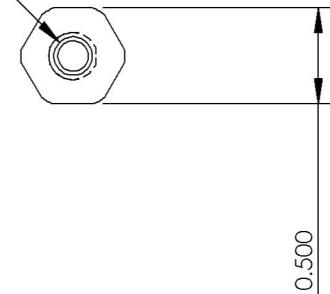
SHEET 1 OF 1

PROCESS:

LATHE



2X $\varnothing$.201 ∇ .650
1/4-20 UNC ∇ .500



AS SHOWN: 3
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
7075-T6 0.500" Rounded Hex 2.125" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.040	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P455.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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HOPPER GEARBOX DRIVE
SHAFT

DWG. NO.

OPR26-B-P455

PRINTED ON 20/02/2026

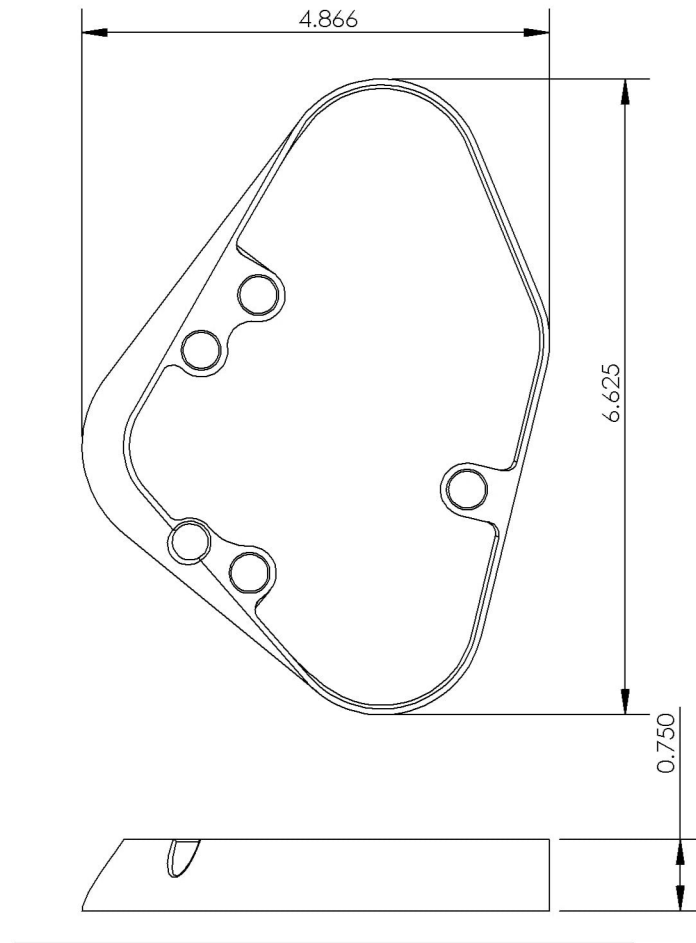
SCALE: 1:1

SHEET 1 OF 1

USE EPA-CF STRONG PROFILE

PROCESS:

3DP



BUILD PLATE

AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.041	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P456-R1.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

OP Robotics

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HOPPER GEARBOX COVER

DWG. NO.

OPR26-B-P456-R1

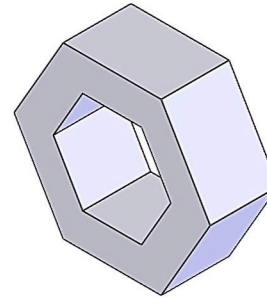
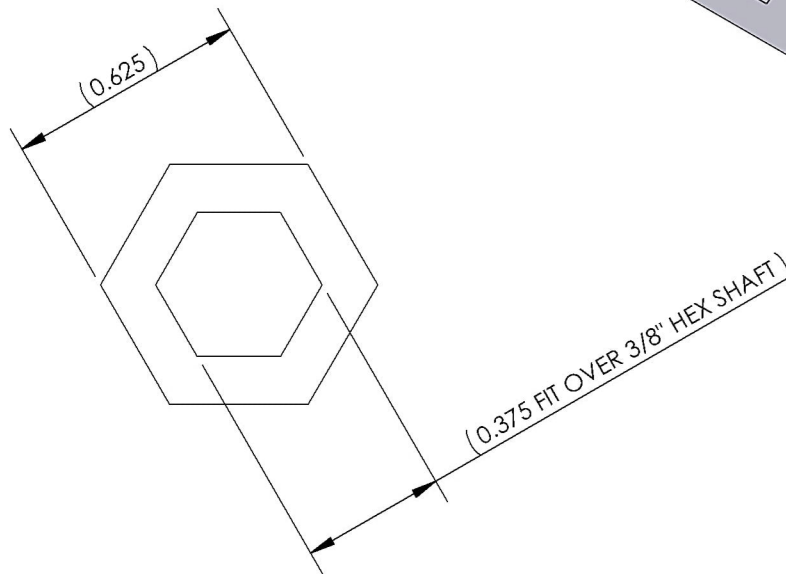
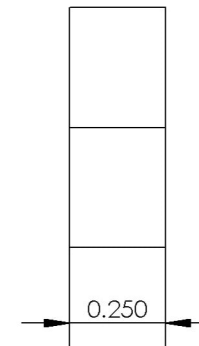
PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

LATHE



AS SHOWN: 28
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
6061-T6 MCM Stock:9063T33		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.005	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P458-R1.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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ROLLER SPACER

DWG. NO.

OPR26-B-P458-R1

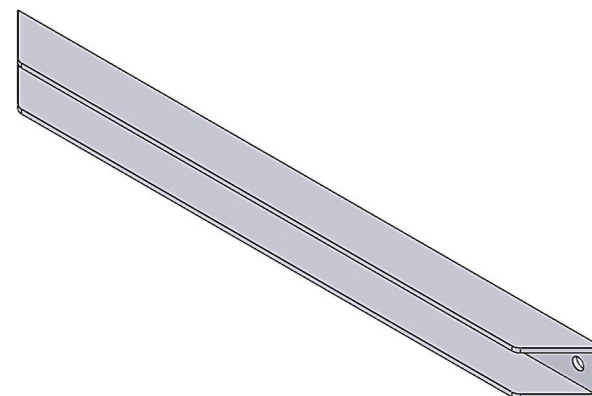
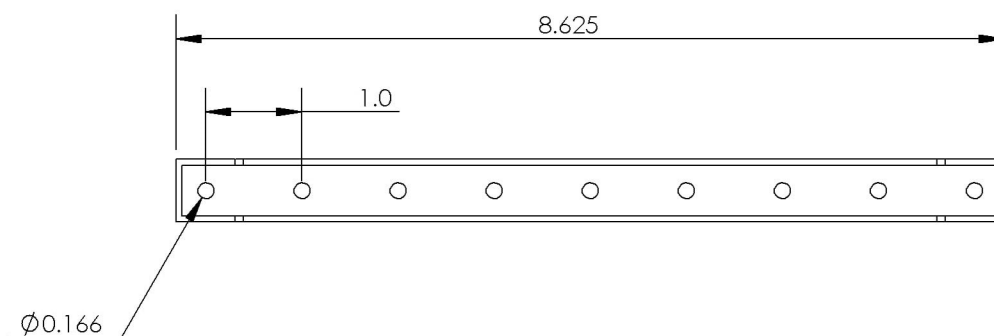
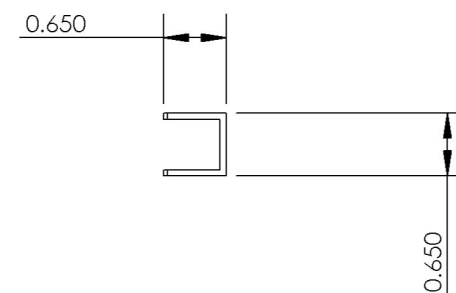
PRINTED ON 3/27/2026

SCALE: 2:1

SHEET 1 OF 1

PROCESS:

MILL

AS SHOWN:
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.089		2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P459.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

www.2056.ca

STIFFENER

DWG. NO.

OPR26-B-P459

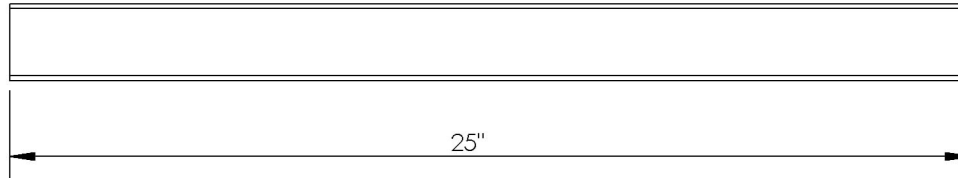
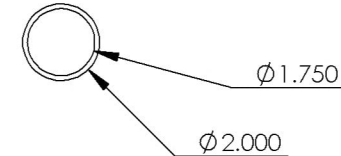
PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

LATHE



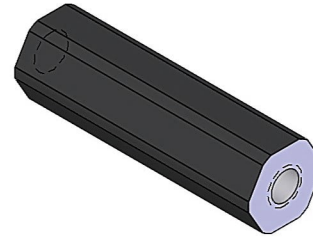
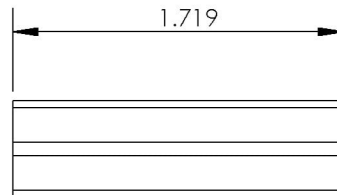
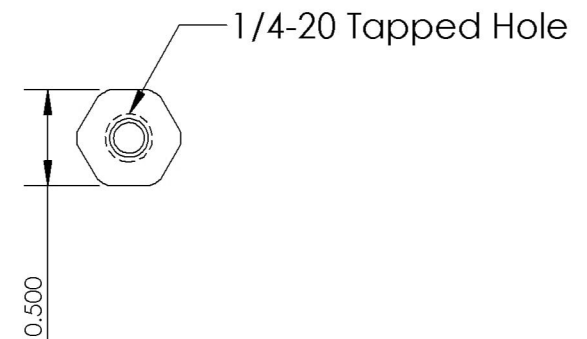
AS SHOWN: 4
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div> <div>Intake Roller use 8585k26</div> <div>DWG. NO.</div> <div>OPR26-B-P501</div> <div>PRINTED ON 20/02/2026</div> <div>SCALE: 1:5</div> <div>SHEET 1 OF 1</div>	
2.000"OD, 0.125" Wall Lexan Round Tube 25.000"		PRIMARY UNITS	INCHES		
Long Finish		NO BURRS OR SHARP EDGES			
NO FINISH		TOLERANCES			
Weight	Drawn By	FRACTIONS			
0.791	TH	2 DECIMAL PLACES ±1/32"			
Dimensions per OPR26-B-P501.sldprt or .step		3 DECIMAL PLACES ±.010"			
		FLAT PATTERNS ±.003"			
		ANGULAR DEGREES ±.005"			
		BENDS ±0.5°			
		±0.010"			

PROCESS:

LATHE



AS SHOWN: 6
OPPOSITE: 0

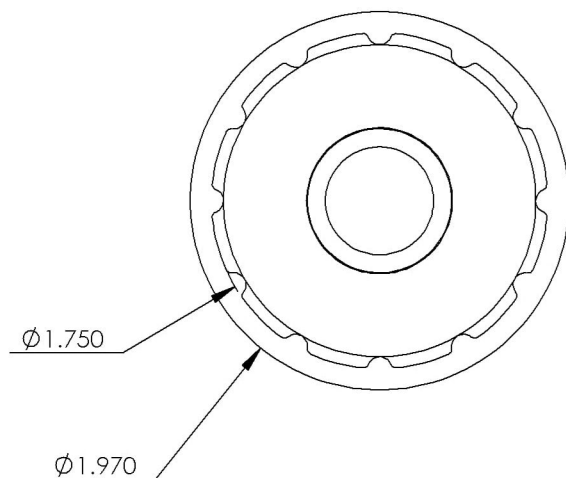
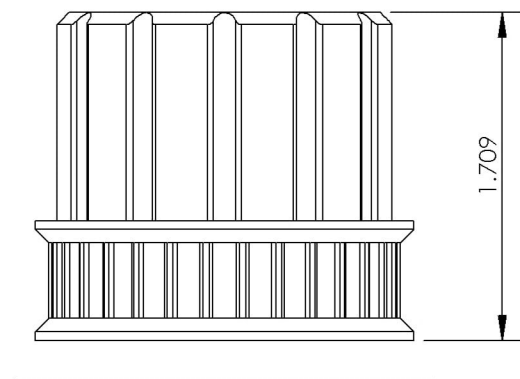


Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>	
7075-T6 0.500" Rounded Hex 1.719" Long		PRIMARY UNITS INCHES			
Finish		NO BURRS OR SHARP EDGES		INTAKE ROLLER STUB SHAFT	
NO FINISH		TOLERANCES			
Weight	Drawn By	FRACTIONS			

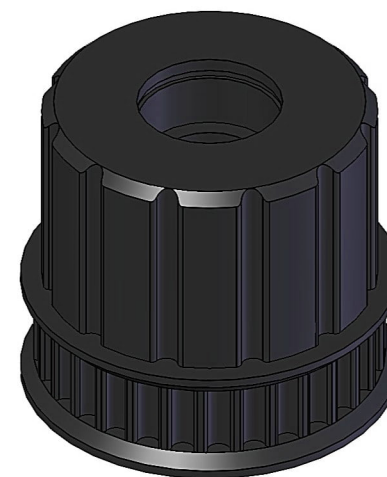
USE EPA-CF STRONG PROFILE

PROCESS:

3DP



BUILD PLATE



AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.067		2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P503.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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30 Teeth Timing Pulley, 5mm Pitch

DWG. NO.

OPR26-B-P503

PRINTED ON 2026-09-29

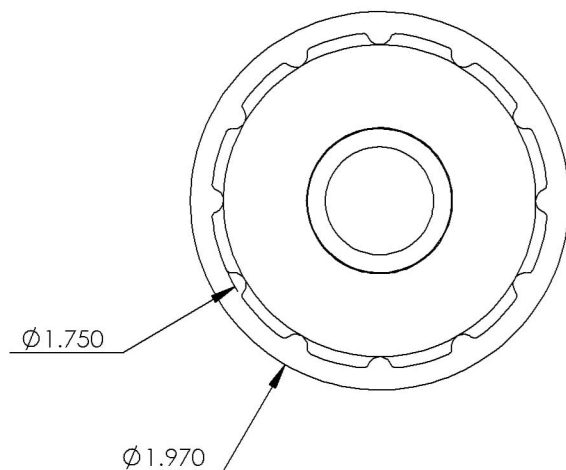
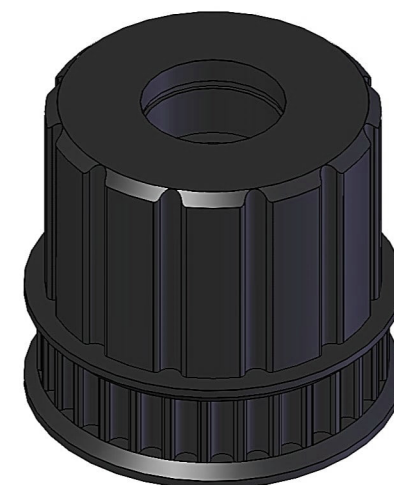
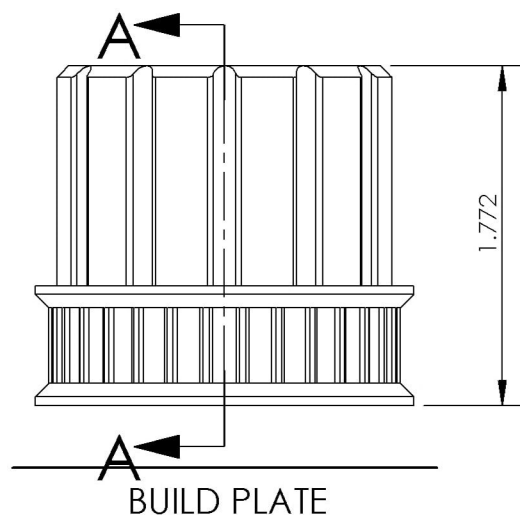
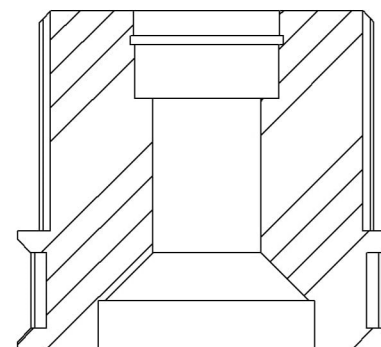
SCALE: 1:1

SHEET 1 OF 1

USE EPA-CF STRONG PROFILE

PROCESS:

3DP



SECTION A-A

AS SHOWN:
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.069		2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P503-R1.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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30 Teeth Timing Pulley, 5mm Pitch

DWG. NO.

OPR26-B-P503-R1

PRINTED ON 2026-09-29

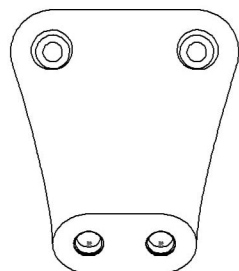
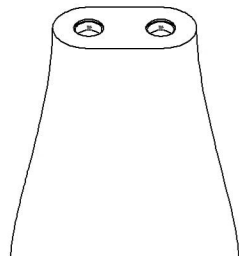
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SHEET 1 OF 1

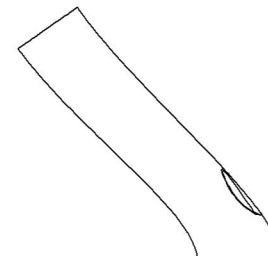
USE PA-CF STRONG PROFILE

PROCESS:

3DP



BUILD PLATE



AS SHOWN: 6
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.075		2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P506.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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HOPPER SUPPORT

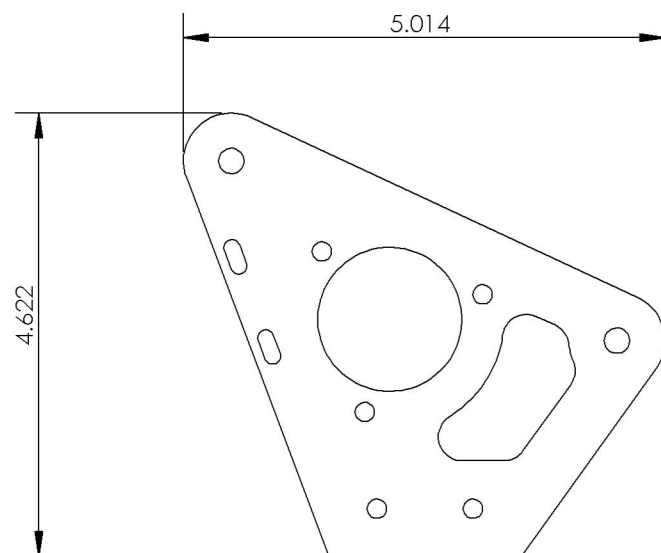
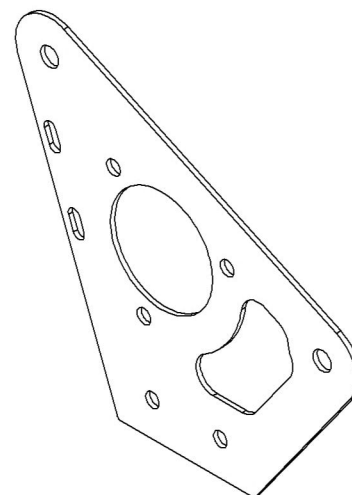
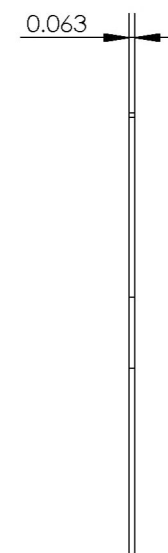
DWG. NO.

OPR26-B-P506

PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1



AS SHOWN: 4
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
0.063 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.064	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P510.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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INTAKE WASHER PLATE

DWG. NO.

OPR26-B-P510

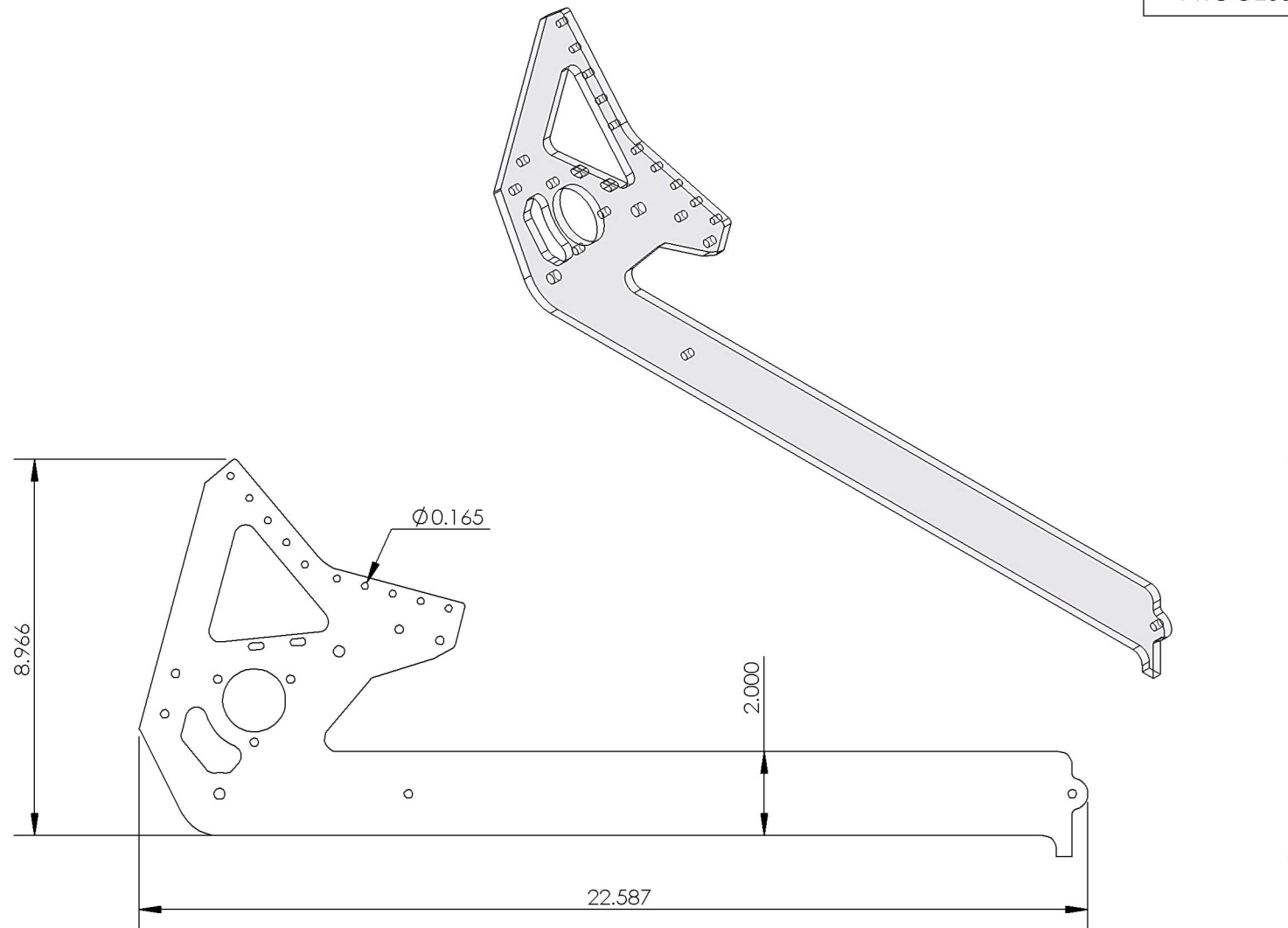
PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

ROUTER



AS SHOWN: 4
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.236 Lexan Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.654	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P511.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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Intake Side Plates

DWG. NO.

OPR26-B-P511

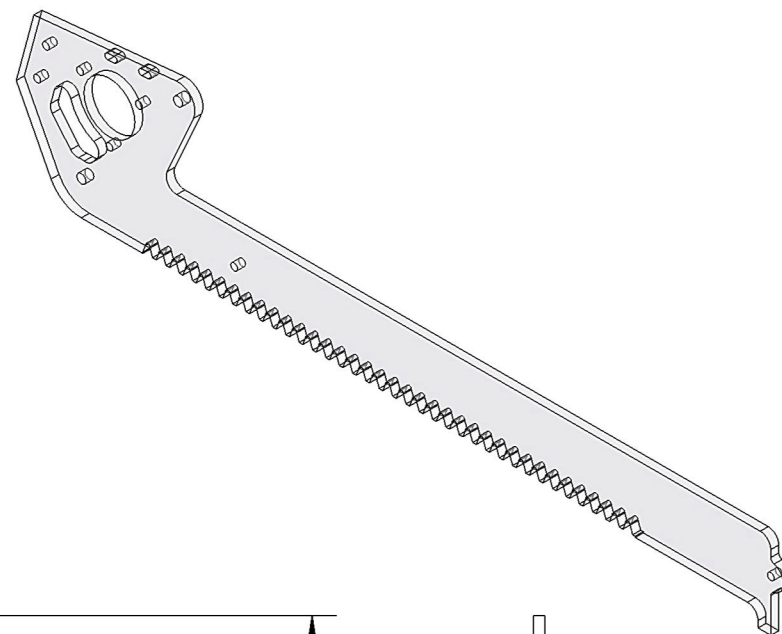
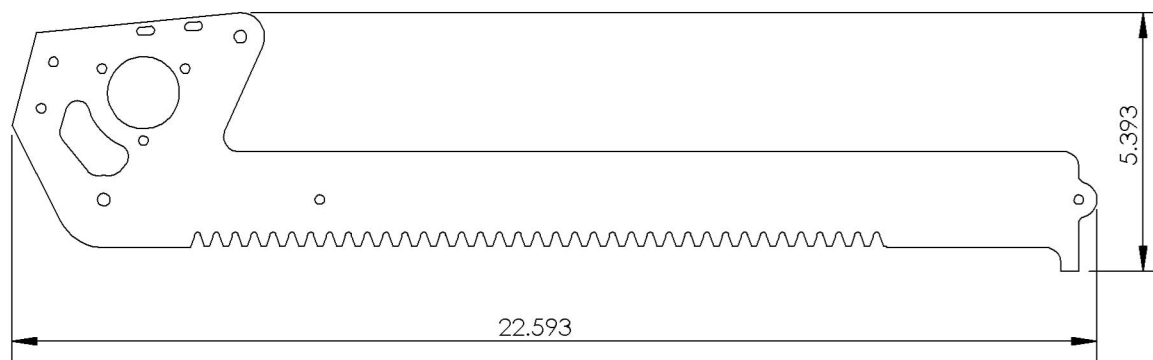
PRINTED ON 2026-02-22

SCALE: 1:4

SHEET 1 OF 1

PROCESS:

BARLOW



AS SHOWN: 4
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.236 Lexan Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.505	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P512.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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Intake Rack

DWG. NO.

OPR26-B-P512

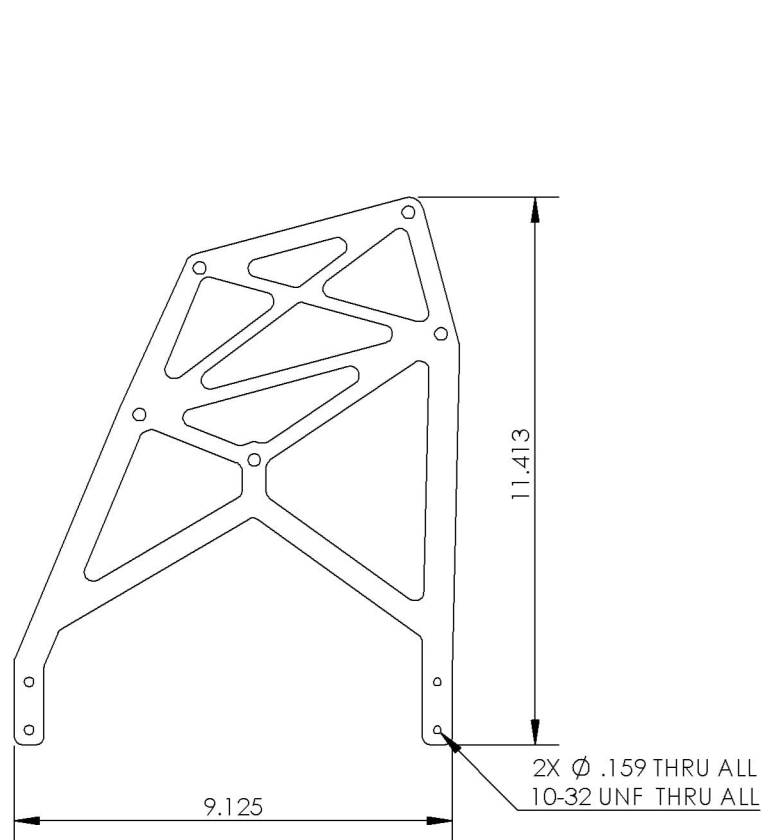
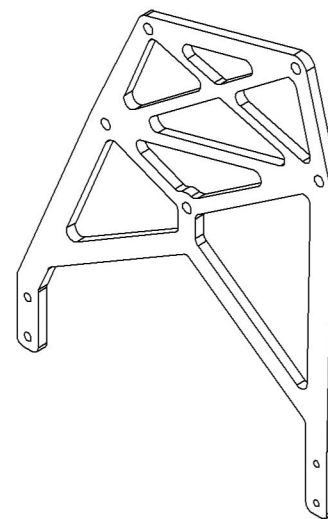
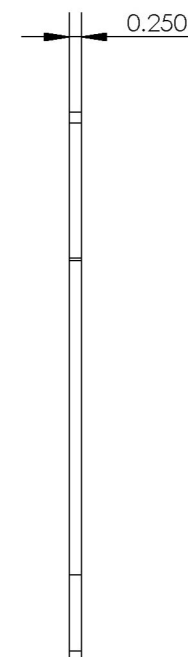
PRINTED ON 2026-02-22

SCALE: 1:4

SHEET 1 OF 1

PROCESS:

FABWORKS



AS SHOWN: 2
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
0.250 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.653	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P513.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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INTAKE DRIVE PLATE

DWG. NO.

OPR26-B-P513

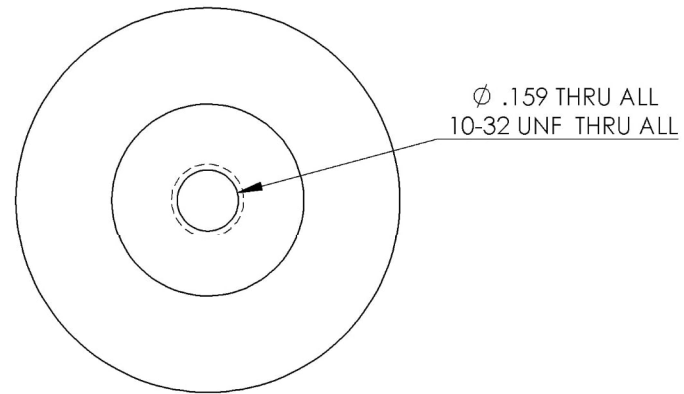
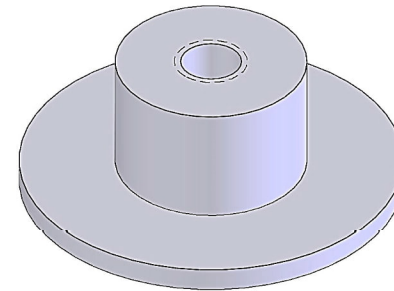
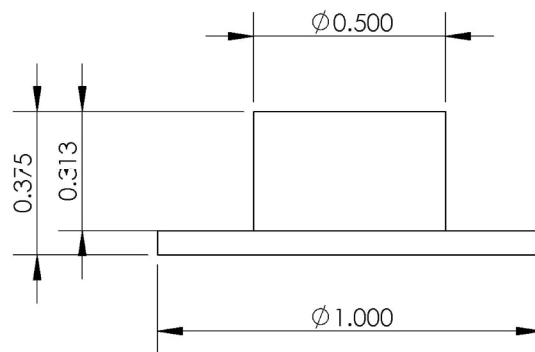
PRINTED ON 2026-09-29

SCALE: 1:4

SHEET 1 OF 1

PROCESS:

CNC

AS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
1.000" 6061-T6 Round Bar 0.375" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.010	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P514.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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INTAKE KICKER BAR BUSHING

DWG. NO.

OPR26-B-P514

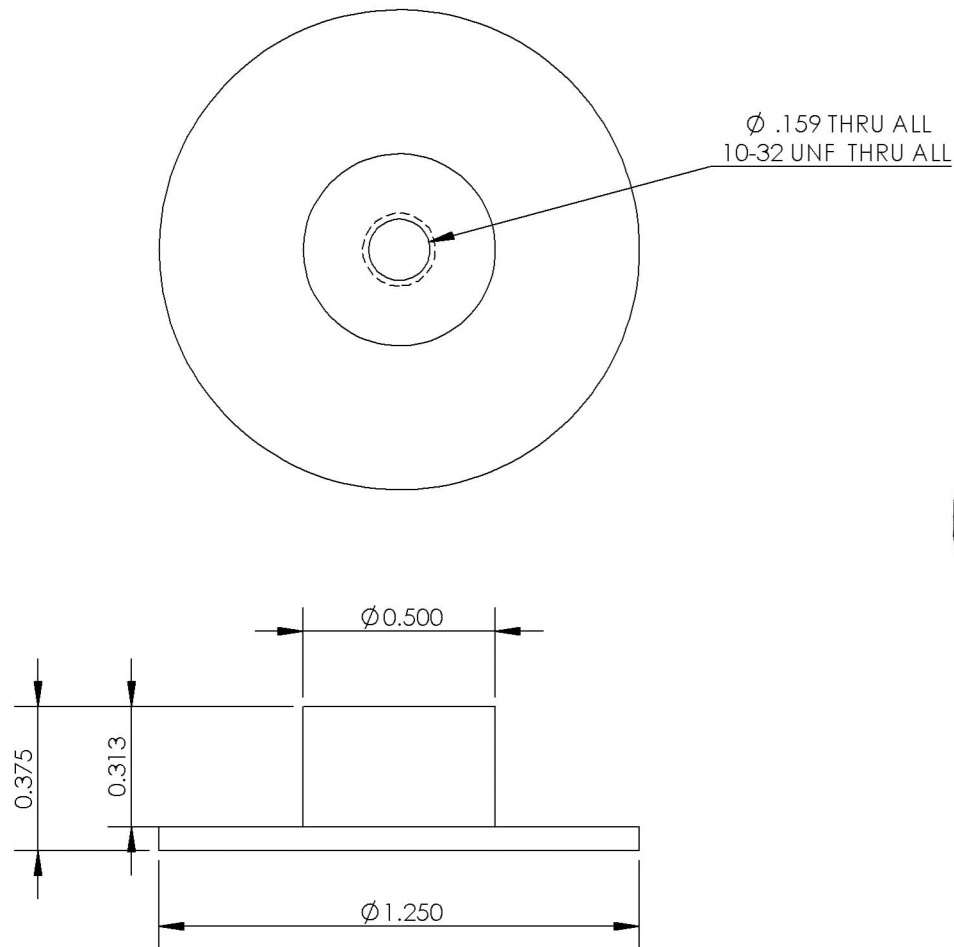
PRINTED ON 2026-02-20

SCALE: 2:1

SHEET 1 OF 1

PROCESS:

CNC

AS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
1.250" 6061-T6 Round Bar 0.375" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.013	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P514-R1.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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INTAKE KICKER BAR BUSHING

DWG. NO.

OPR26-B-P514-R1

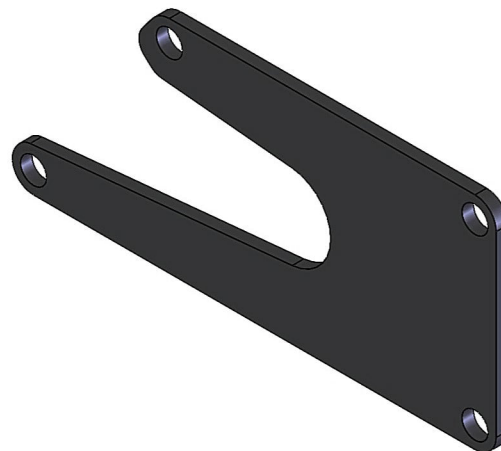
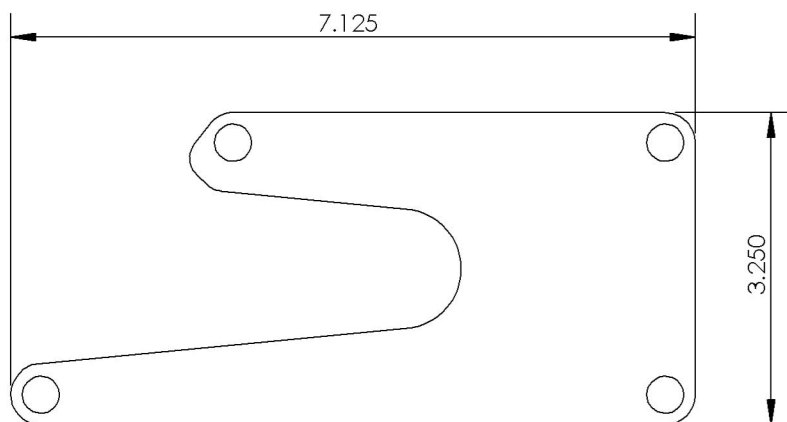
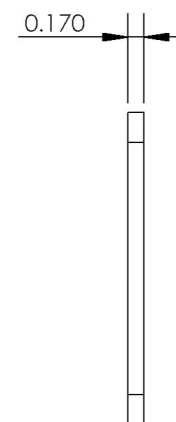
PRINTED ON 2026-09-29

SCALE: 2:1

SHEET 1 OF 1

PROCESS:

3DP

AS SHOWN: 4
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.047		2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P515.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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SLIDER BLOCK

DWG. NO.

OPR26-B-P515

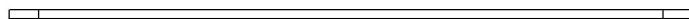
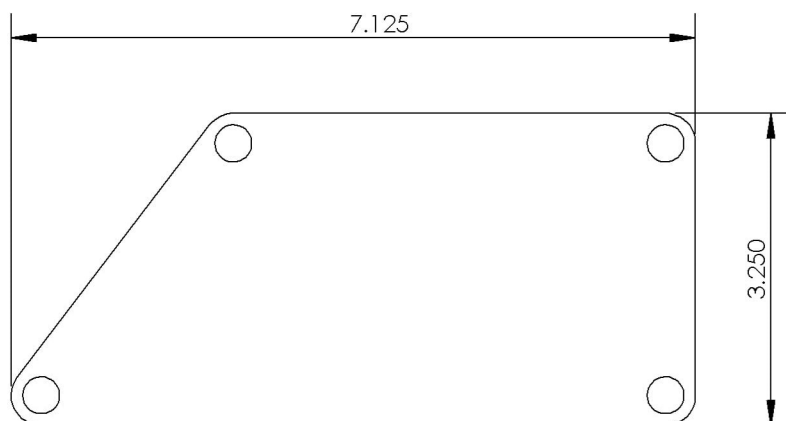
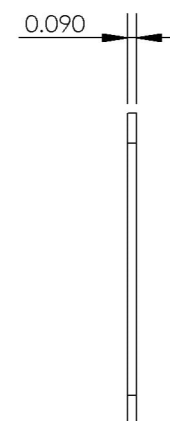
PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

3DP

AS SHOWN: 4
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.035		2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P516.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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INTAKE SLIDER BLOCK

DWG. NO.

OPR26-B-P516

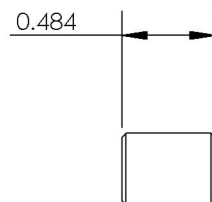
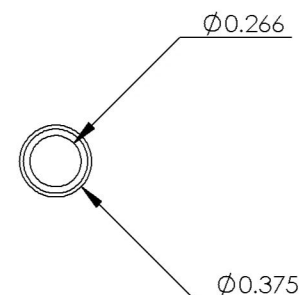
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SCALE: 1:2

SHEET 1 OF 1

PROCESS:

LATHE



AS SHOWN: 10
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.003	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P517.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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**0.375" Tube Axle Stock 0.484"
Long**

DWG. NO.

OPR26-B-P517

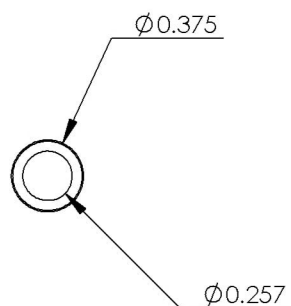
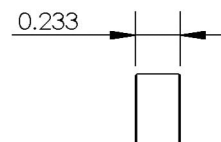
PRINTED ON 20/02/2026

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

LATHE



AS SHOWN: 10
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.001	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P517-R1.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

OP Robotics

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**0.375" Tube Axle Stock 0.233"
Long**

DWG. NO.

OPR26-B-P517-R1

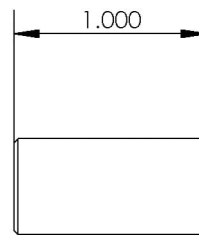
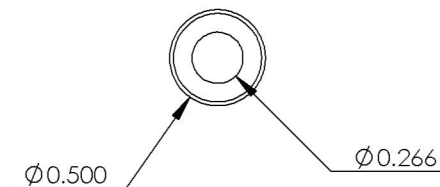
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SCALE: 1:1

SHEET 1 OF 1

PROCESS:

LATHE



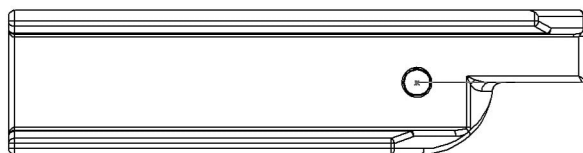
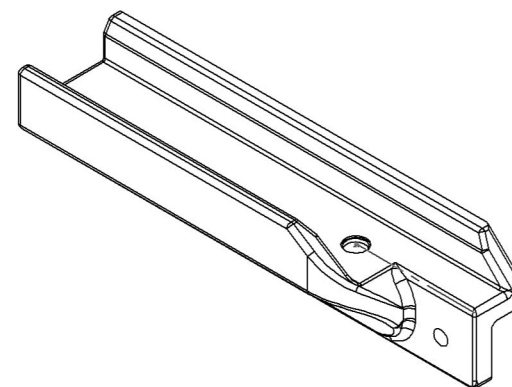
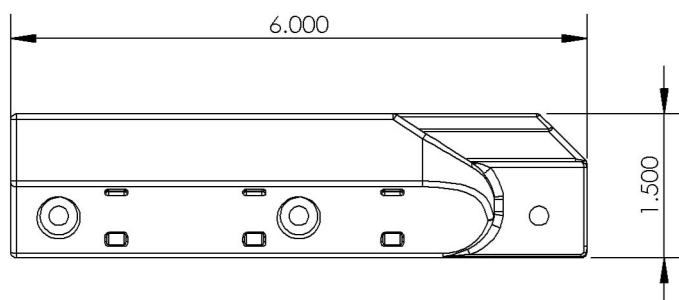
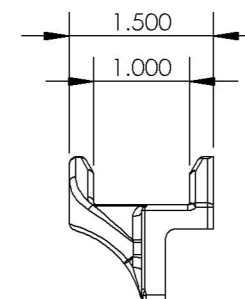
AS SHOWN: 4
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>	
6061-T6		PRIMARY UNITS INCHES			
Finish		NO BURRS OR SHARP EDGES		0.500" Tube Axle Stock 1.000" Long	
NO FINISH		TOLERANCES			
Weight	Drawn By	FRACTIONS			

PROCESS:

3DP

AS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.100	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P530-R1.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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**INTAKE CABLE CHAIN
BRACKET.**

DWG. NO.

OPR26-B-P530-R1

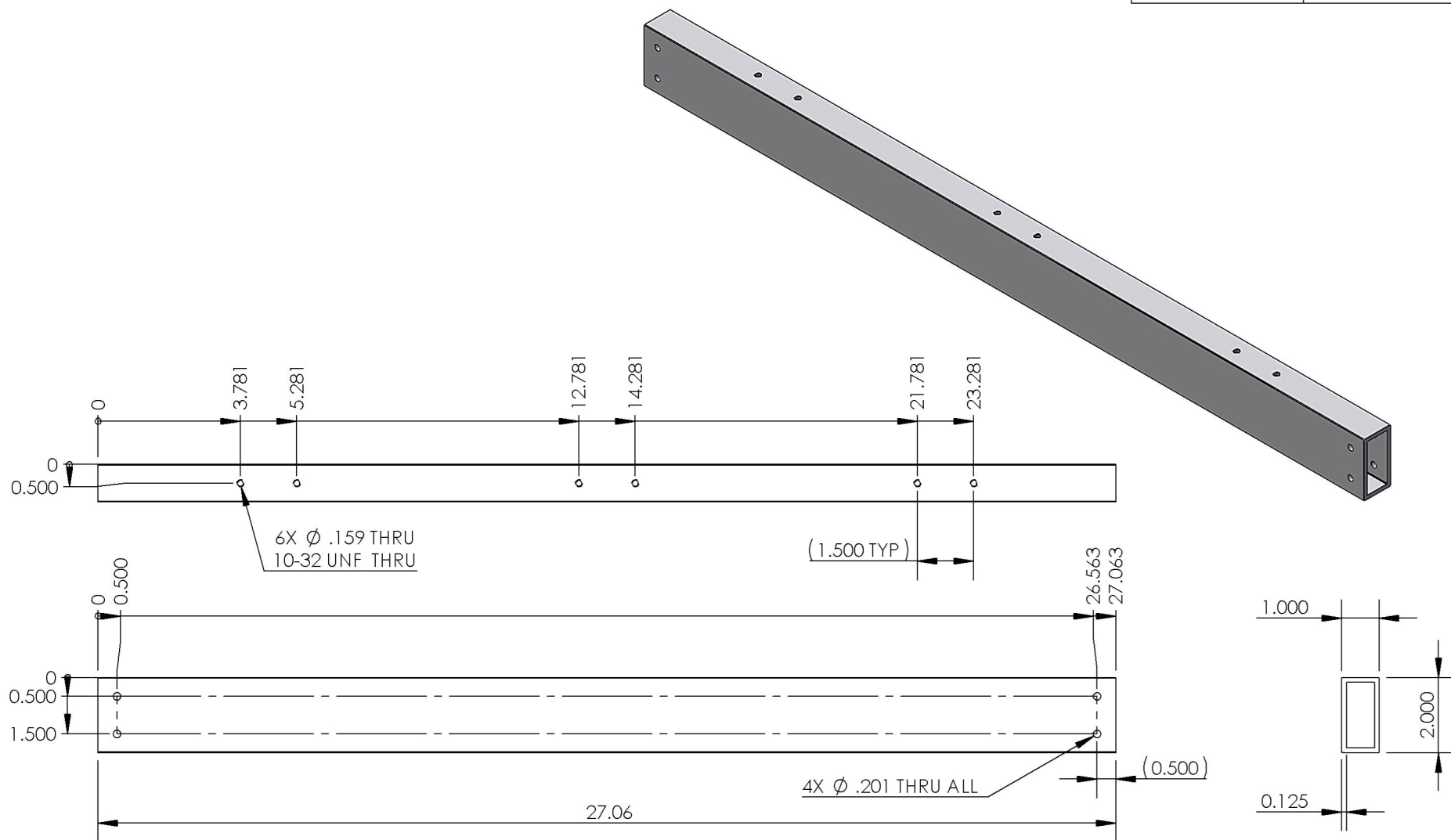
PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

MILL

AS SHOWN: 1
OPPOSITE: 0

Material		UNLESS OTHERWISE SPECIFIED	
2.000 x 1.000 x 0.125 6061-T6 Tubing		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
1.810	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P550.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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INTAKE FRAME RAIL

DWG. NO.

OPR26-B-P550

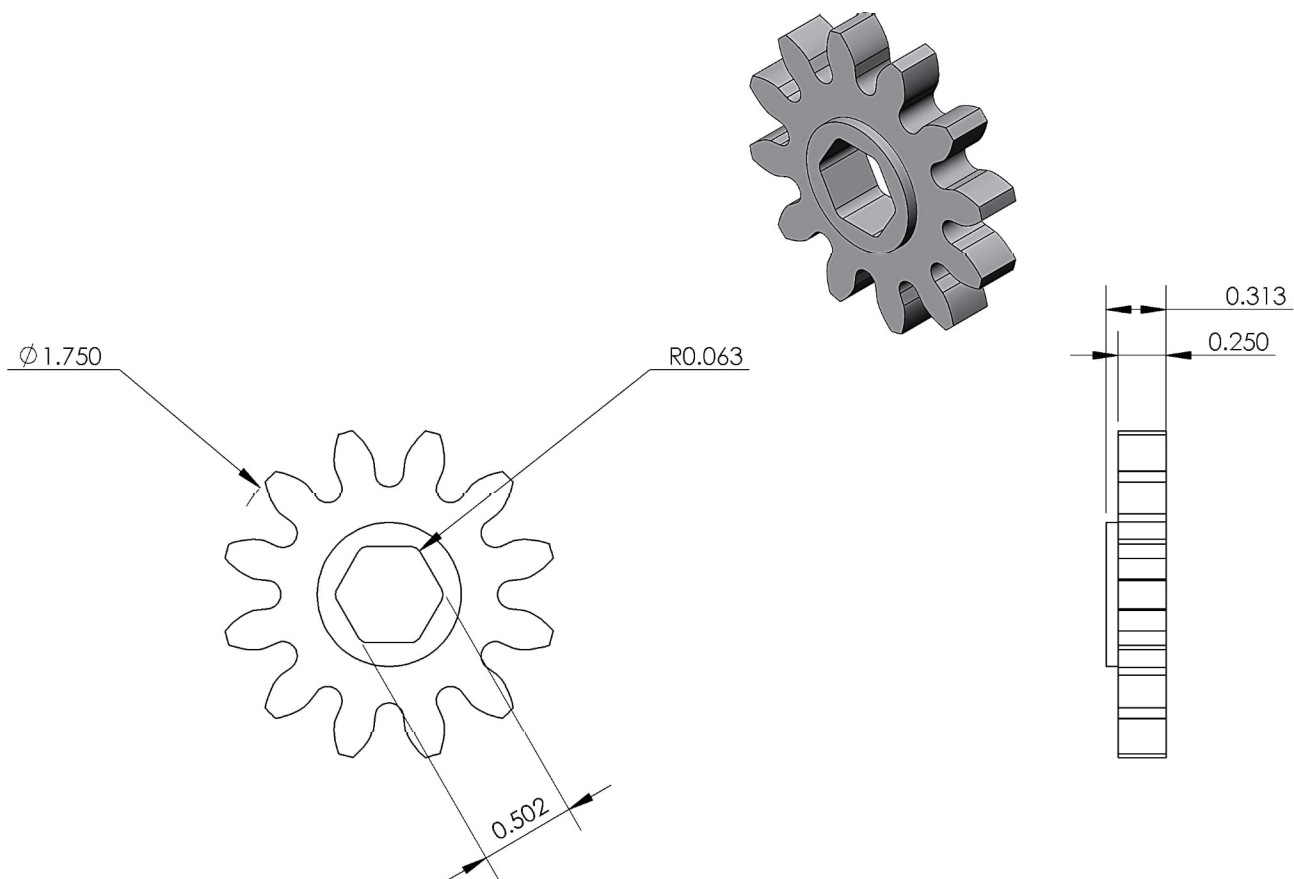
PRINTED ON 3/7/2026

SCALE: 1:4

SHEET 1 OF 1

PROCESS:

CNC



AS SHOWN: 2
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.00	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P551.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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**INTAKE EXTENSION PINION
GEAR (12T, 8DP)**

DWG. NO.

OPR26-B-P551

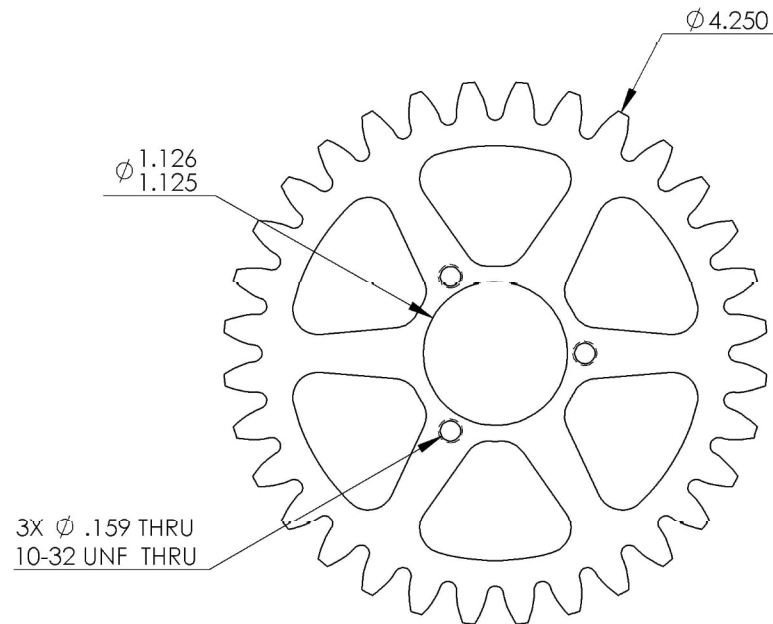
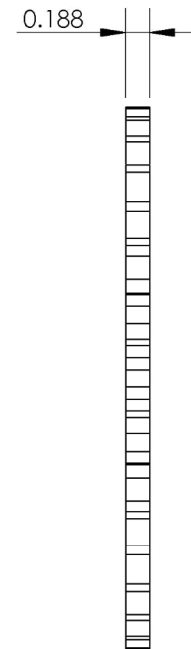
PRINTED ON 2026-02-20

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

CNC



AS SHOWN: 2
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.12	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P552.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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**INTAKE EXTENSION IDLER
GEAR (40T, 8DP)**

DWG. NO.

OPR26-B-P552

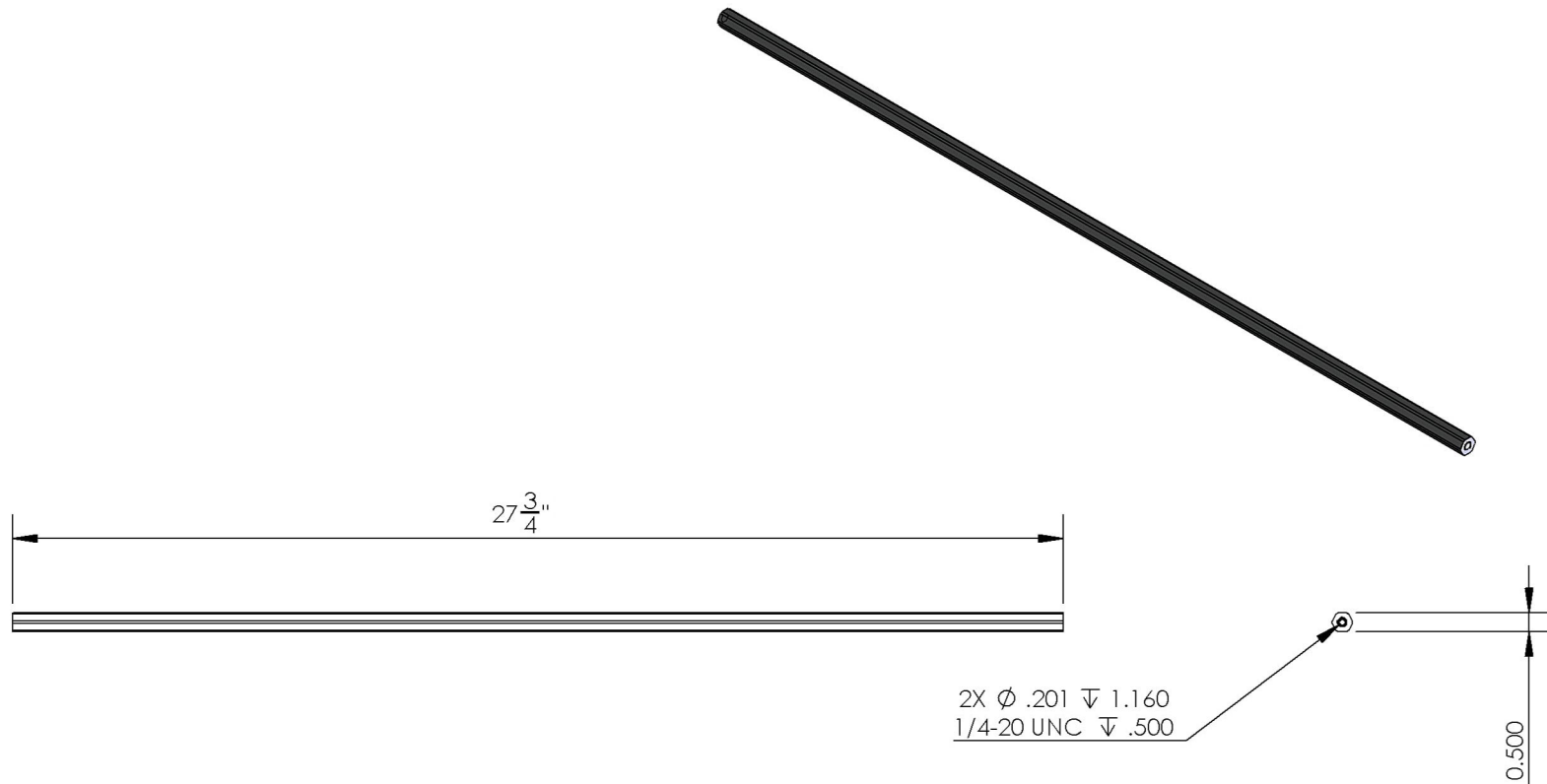
PRINTED ON 2026-02-20

SCALE: 2:3

SHEET 1 OF 1

PROCESS:

LATHE



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
7075-T6 0.500" Rounded Hex 27.750" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm$ 1/32"
0.541	TH	2 DECIMAL PLACES	$\pm$.010"
Dimensions per OPR26-B-P553.sldprt or .step		3 DECIMAL PLACES	$\pm$.003"
		FLAT PATTERNS	$\pm$.005"
		ANGULAR DEGREES	$\pm$ 0.5°
		BENDS	$\pm$ 0.010"

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Intake Jack Shaft

DWG. NO.

OPR26-B-P553

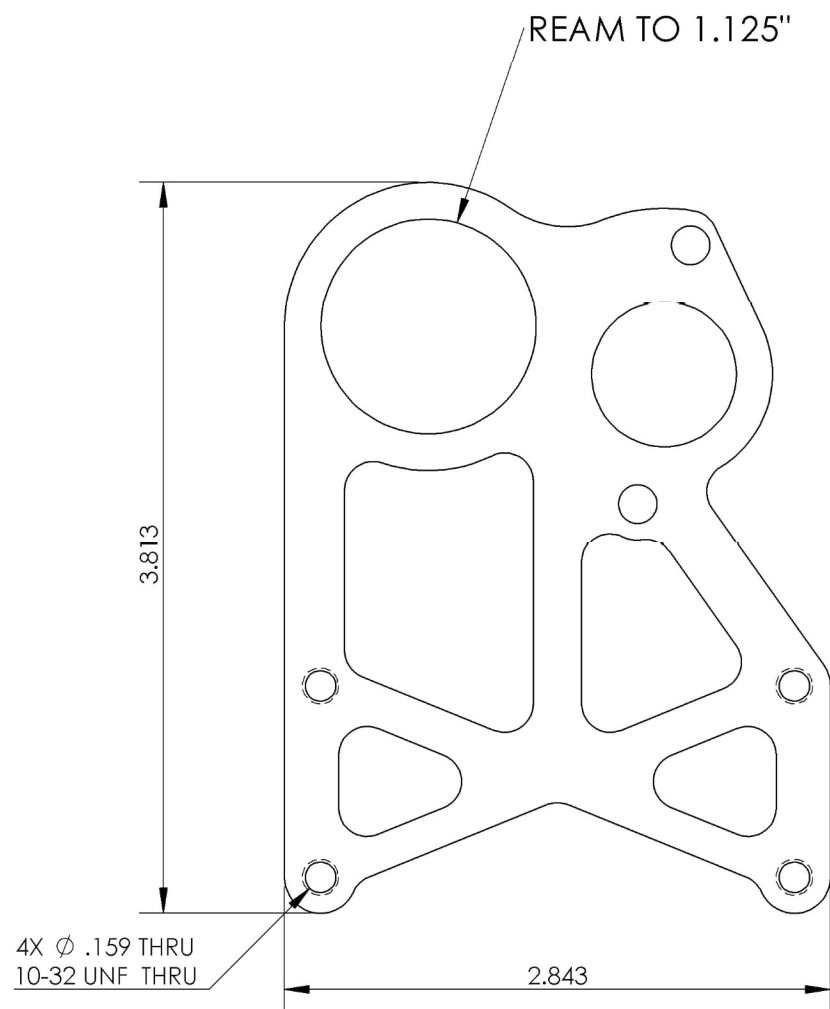
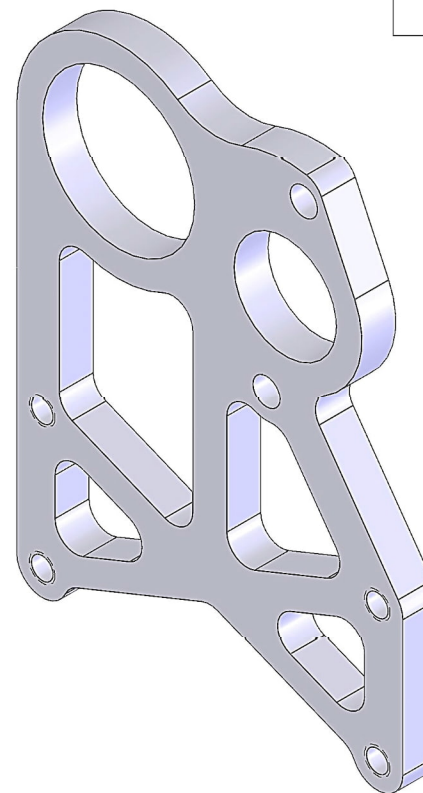
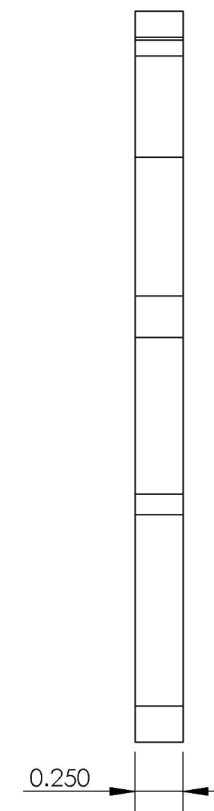
PRINTED ON 20/02/2026

SCALE: 1:5

SHEET 1 OF 1

PROCESS:

CNC

AS SHOWN: 1
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.114	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P554.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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**INTAKE EXTENSION GEARBOX
PLATE**

DWG. NO.

OPR26-B-P554

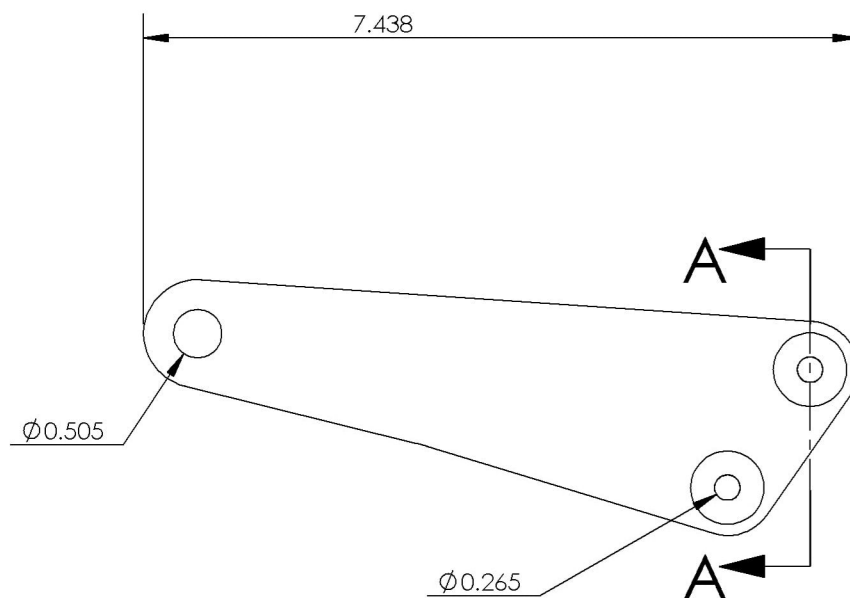
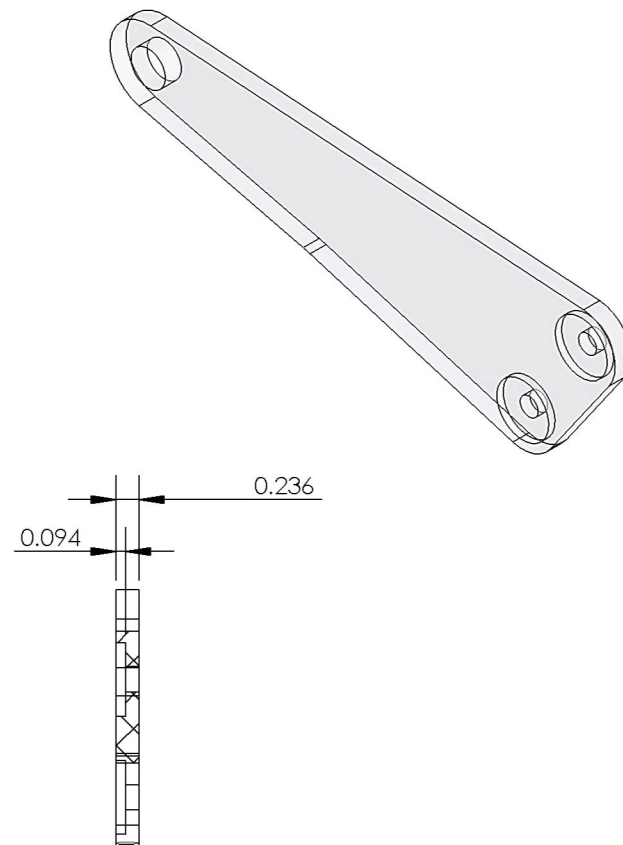
PRINTED ON 2026-02-20

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

Router



SECTION A-A

AS SHOWN: 2
OPPOSITE: 2



Material		UNLESS OTHERWISE SPECIFIED	
Lexan		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.115	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P555.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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Intake Kicker Bar Bracket

DWG. NO.

OPR26-B-P555

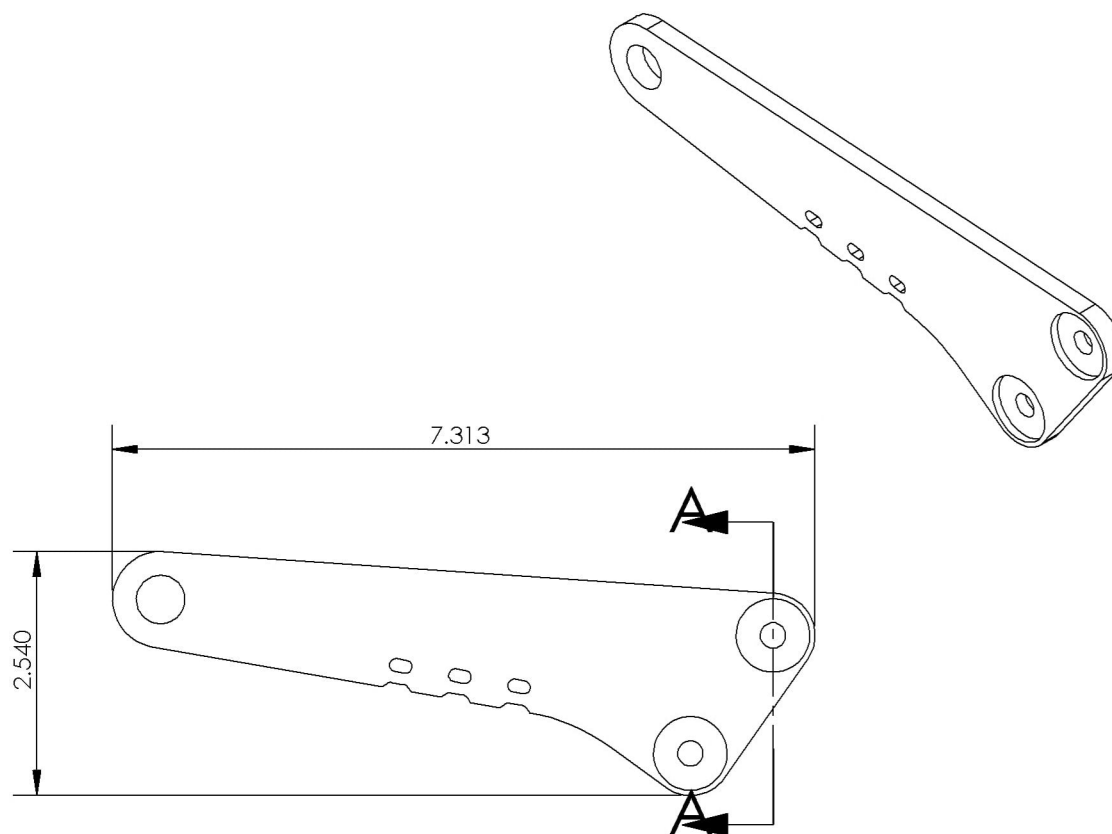
PRINTED ON 2026-02-22

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

Router



SECTION A-A

AS SHOWN: 2
OPPOSITE: 2



Material		UNLESS OTHERWISE SPECIFIED	
Lexan		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.092	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P555-R2.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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Intake Kicker Bar Bracket

DWG. NO.

OPR26-B-P555-R2

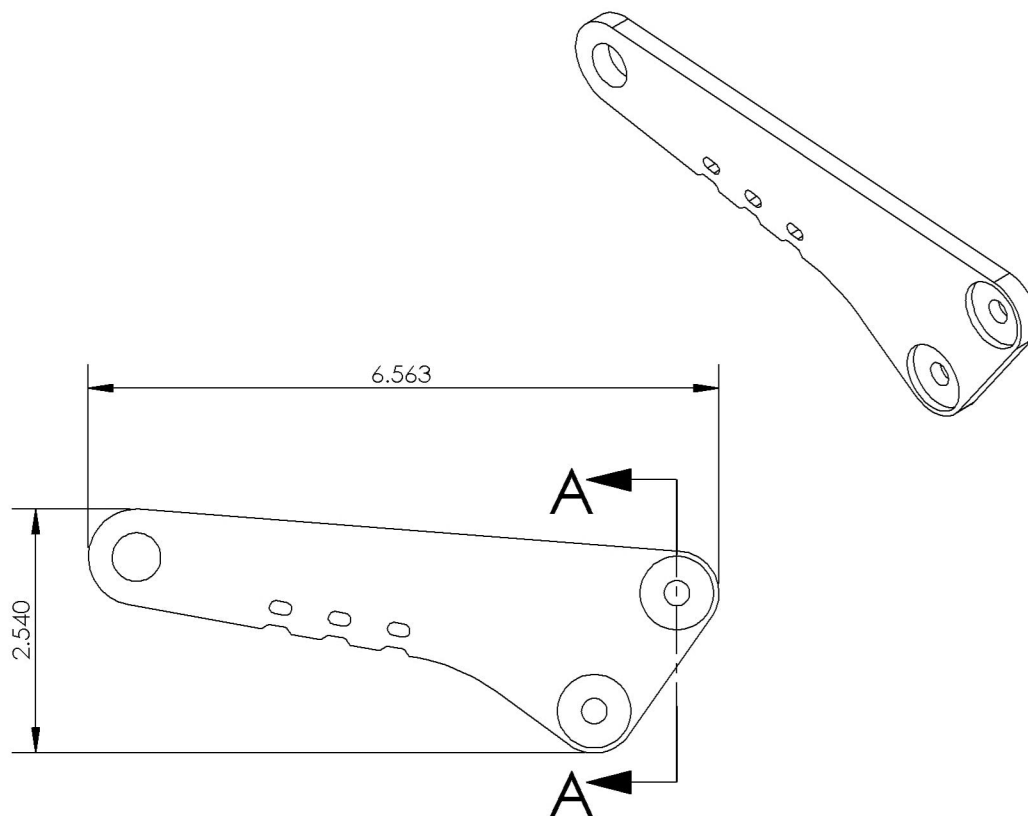
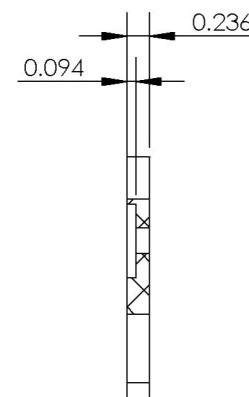
PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

Router



SECTION A-A

AS SHOWN: 2
OPPOSITE: 2



Material		UNLESS OTHERWISE SPECIFIED	
Lexan		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.082	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P555-R3.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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Intake Kicker Bar Bracket

DWG. NO.

OPR26-B-P555-R3

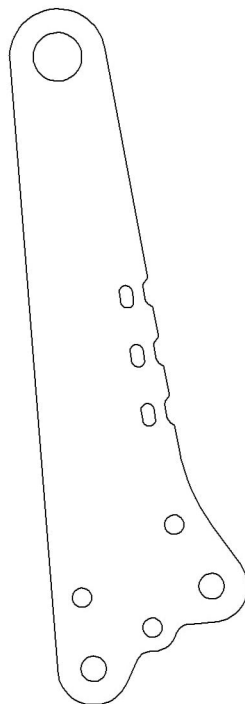
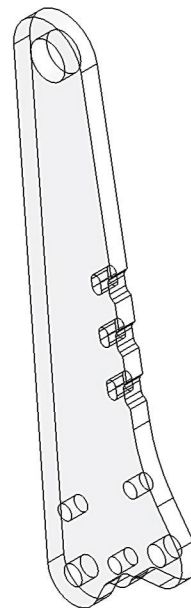
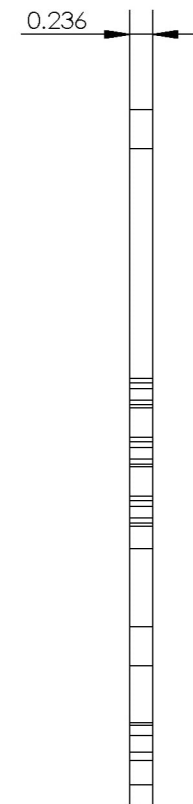
PRINTED ON 2026-09-29

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

Router



AS SHOWN: 3
OPPOSITE: 3



Material		UNLESS OTHERWISE SPECIFIED	
Lexan		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.089	TH	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P555-R6.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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Intake Kicker Bar Bracket

DWG. NO.

OPR26-B-P555-R6

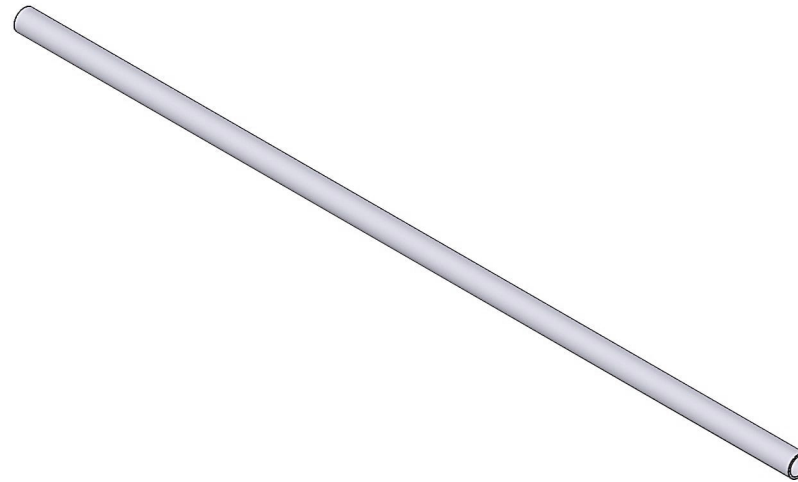
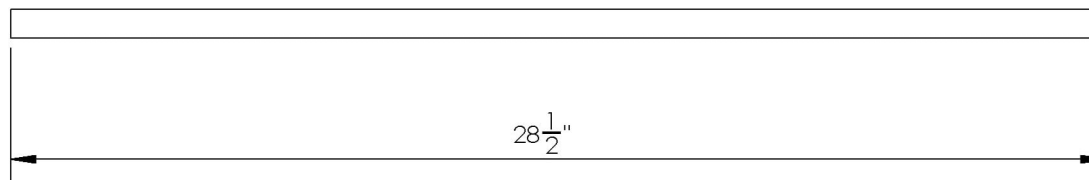
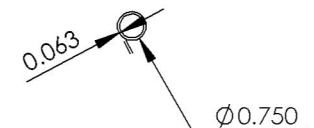
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SCALE: 1:2

SHEET 1 OF 1

PROCESS:

LATHE



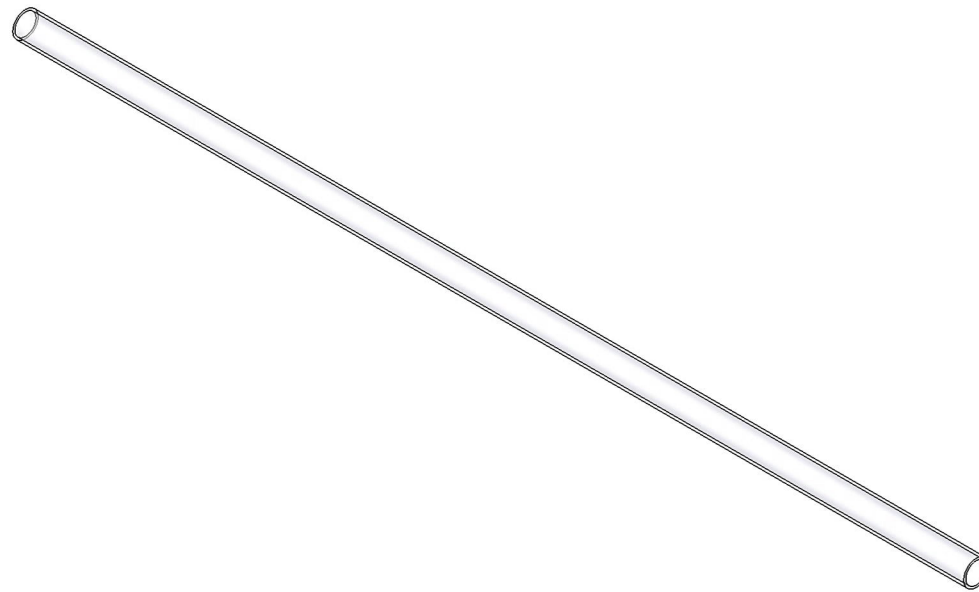
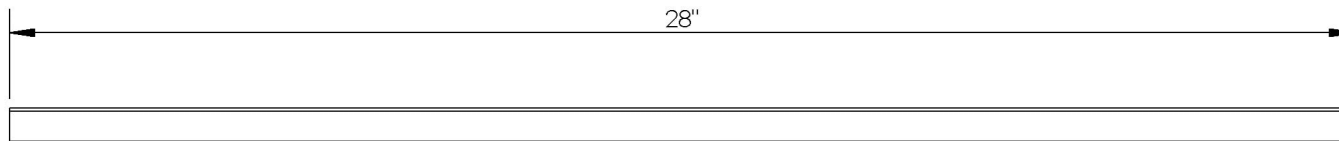
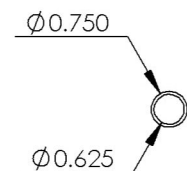
AS SHOWN: 4
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>			
0.750"OD, 0.063" Wall 6061-T6 Round Tube 28.500" Long Finish		PRIMARY UNITS INCHES					
NO FINISH		NO BURRS OR SHARP EDGES		KICKER BAR			
Weight		TOLERANCES					
Drawn By		FRACTIONS ±1/32"		DWG. NO. OPR26-B-P556			
0.375		2 DECIMAL PLACES ±.010"					
Dimensions per OPR26-B-P556.sldprt or .step		3 DECIMAL PLACES ±.003"		PRINTED ON 20/02/2026			
		FLAT PATTERNS ±.005"				SCALE: 1:5	
		ANGULAR DEGREES ±0.5°					
		BENDS ±0.010"					

PROCESS:

LATHE



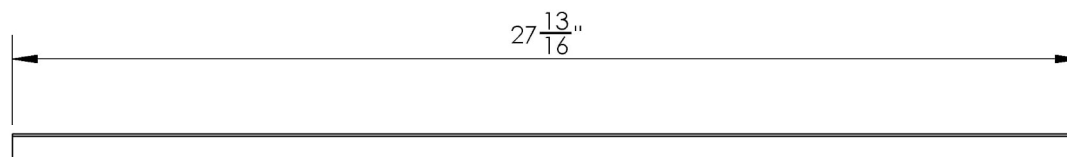
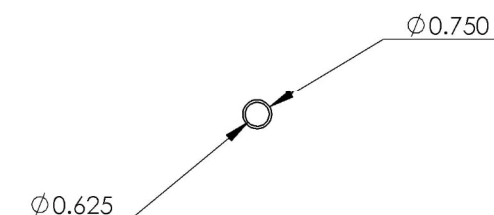
AS SHOWN: 4
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>	
0.750"OD, 0.063" Wall Lexan Round Tube 28.000"		PRIMARY UNITS INCHES			
Long Finish		NO BURRS OR SHARP EDGES		INTAKE KICKER TUBE	
NO FINISH		TOLERANCES			
Weight	Drawn By	FRACTIONS ±1/32"		DWG. NO.	
0.162	BP	2 DECIMAL PLACES ±.010"			
Dimensions per OPR26-B-P557.sldprt or .step		3 DECIMAL PLACES ±.003"		OPR26-B-P557	
		FLAT PATTERNS ±.005"			
		ANGULAR DEGREES ±0.5°			
		BENDS ±0.010"			

PROCESS:

LATHE



AS SHOWN: 4
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.750"OD, 0.063" Wall Lexan Round Tube 27.813"		PRIMARY UNITS	INCHES
Long		NO BURRS OR SHARP EDGES	
Finish			
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.161	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P557-R2.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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INTAKE KICKER TUBE

DWG. NO.

OPR26-B-P557-R2

PRINTED ON 2026-04-15

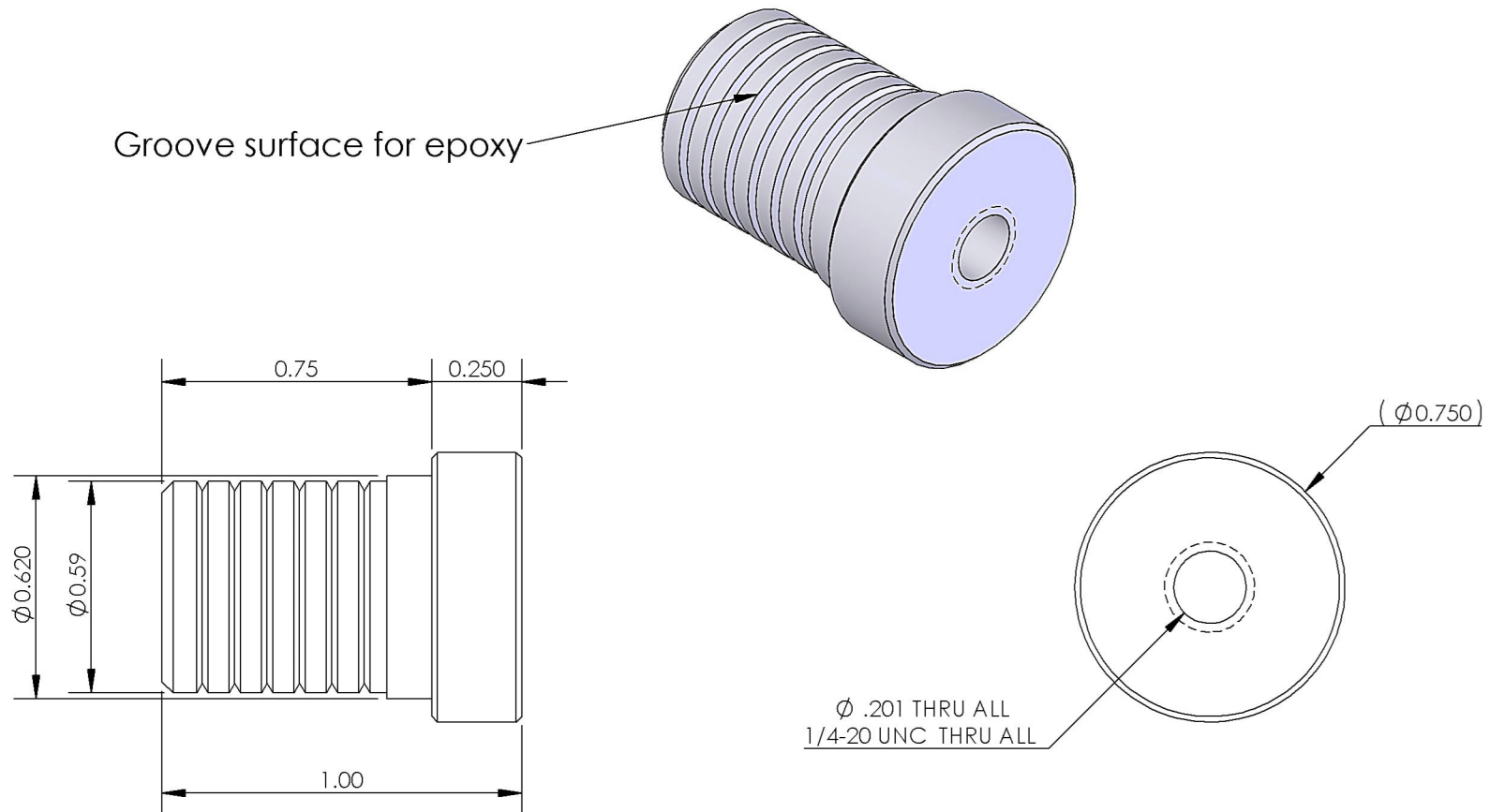
SCALE: 1:5

SHEET 1 OF 1

PROCESS:

LATHE

Groove surface for epoxy

AS SHOWN: 4
OPPOSITE: 0

Material		UNLESS OTHERWISE SPECIFIED	
0.750" 6061-T6 Round Bar 1.000" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.027	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P558.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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3/4" Tube end plug

DWG. NO.

OPR26-B-P558

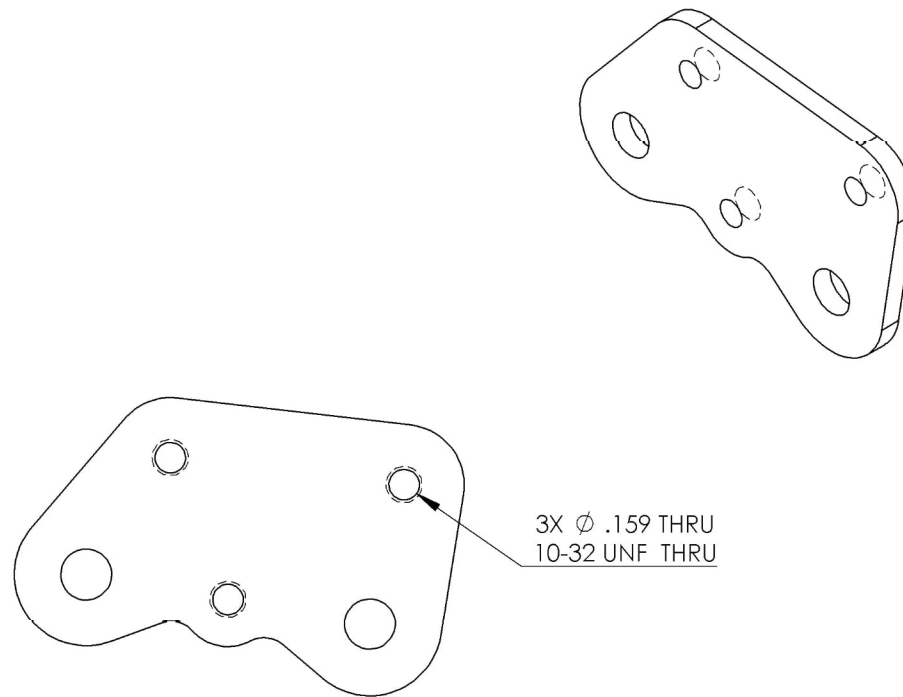
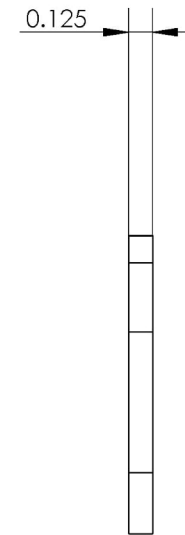
PRINTED ON 2026-10-12

SCALE: 2:1

SHEET 1 OF 1

PROCESS:

CNC

AS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.030	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P561.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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Intake Kicker Washer

DWG. NO.

OPR26-B-P561

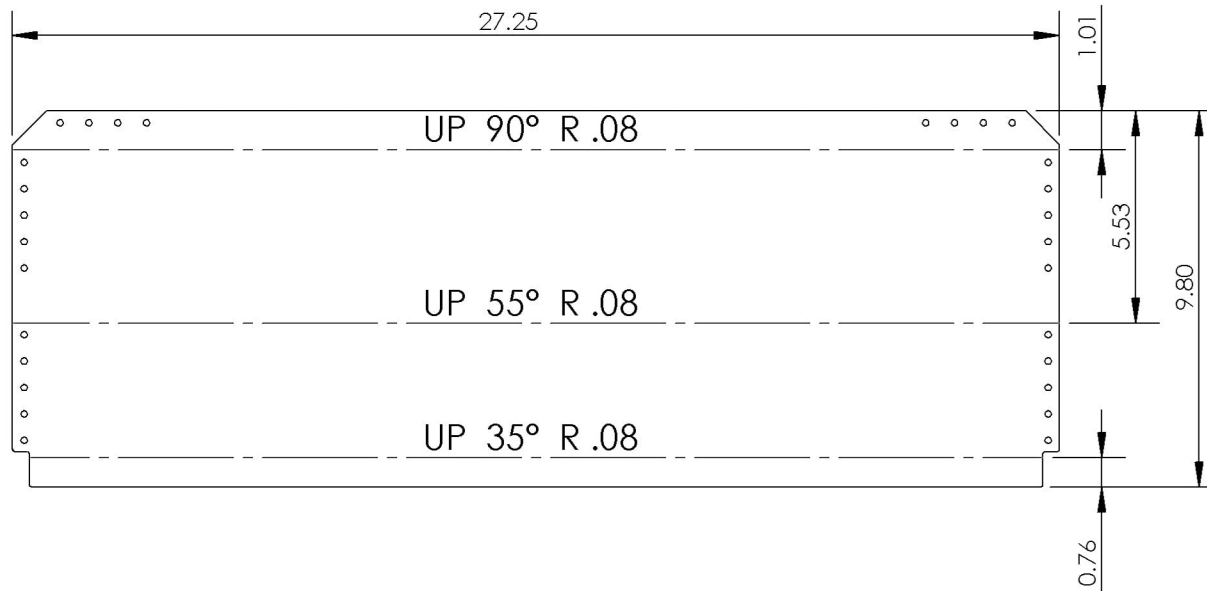
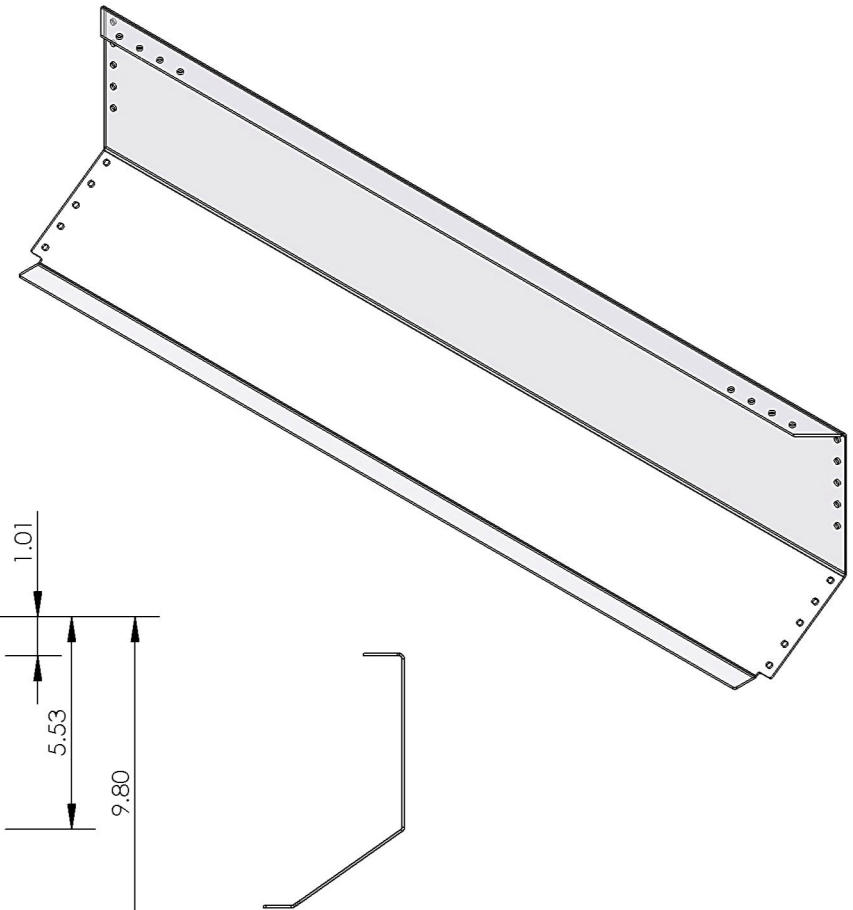
PRINTED ON 2026-04-15

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

Router



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.063 Lexan Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.711	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P581.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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Hopper Front

DWG. NO.

OPR26-B-P581

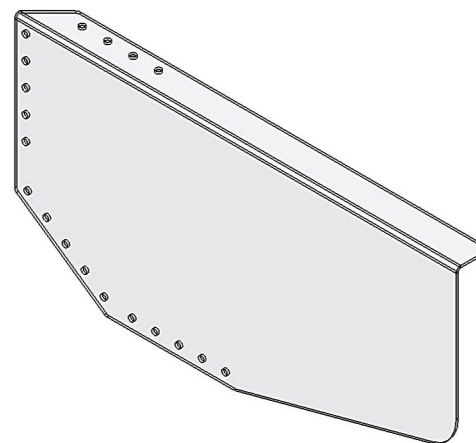
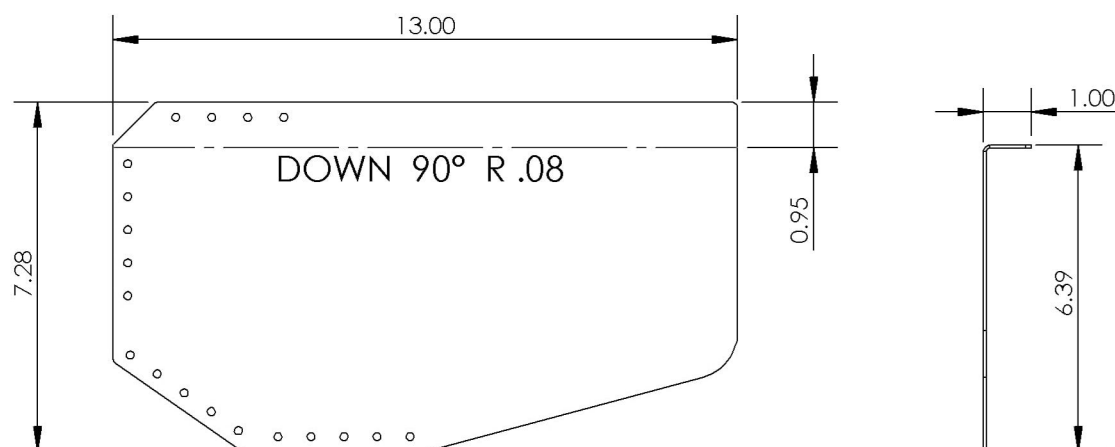
PRINTED ON 2026-02-22

SCALE: 1:5

SHEET 1 OF 1

PROCESS:

Router



AS SHOWN: 2
OPPOSITE: 2



Material		UNLESS OTHERWISE SPECIFIED	
0.063 Lexan Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.230	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P583.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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Hopper Sides

DWG. NO.

OPR26-B-P583

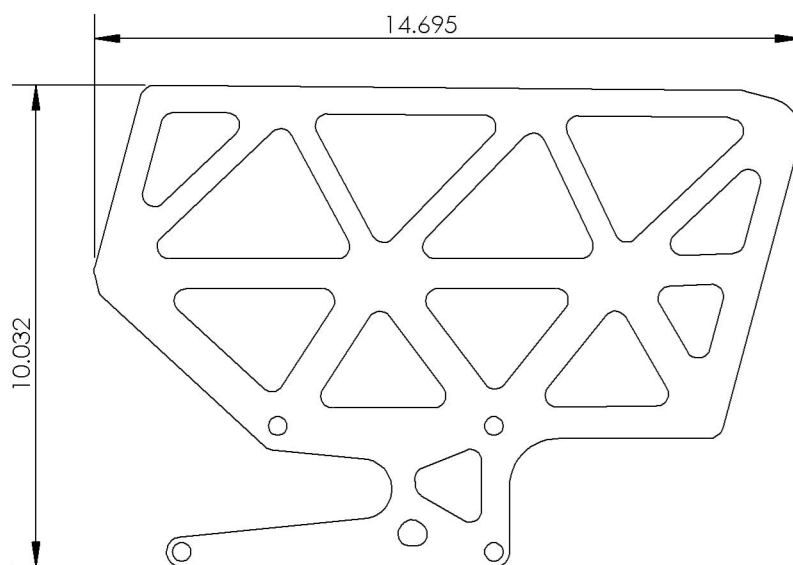
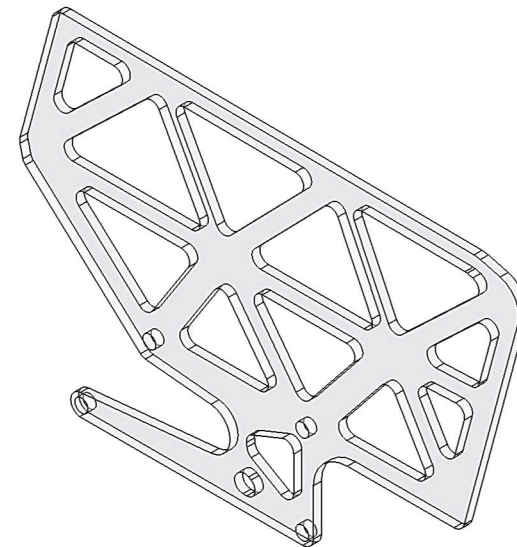
PRINTED ON 2026-02-22

SCALE: 1:4

SHEET 1 OF 1

PROCESS:

Router



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.236 Lexan Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.614	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P584.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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Hopper Right Side

DWG. NO.

OPR26-B-P584

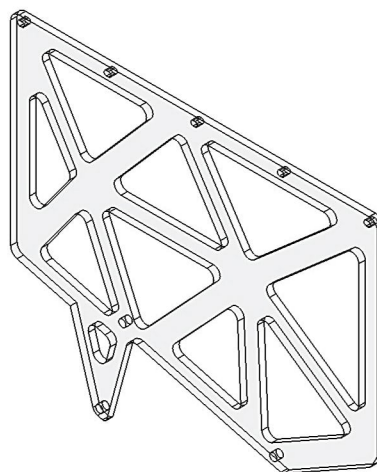
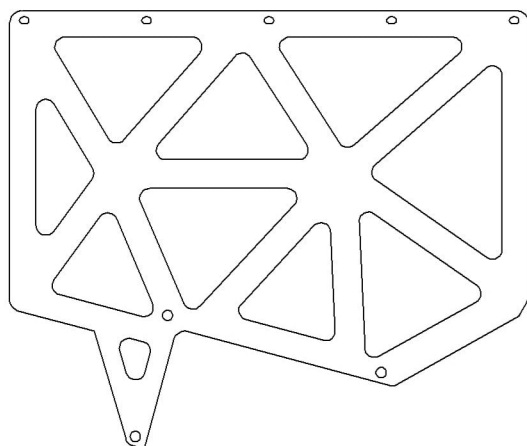
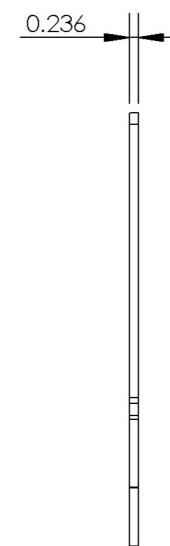
PRINTED ON 2026-02-22

SCALE: 1:4

SHEET 1 OF 1

PROCESS:

Router



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.236 Lexan Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.647	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P584-R2.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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Hopper Left Side

DWG. NO.

OPR26-B-P584-R2

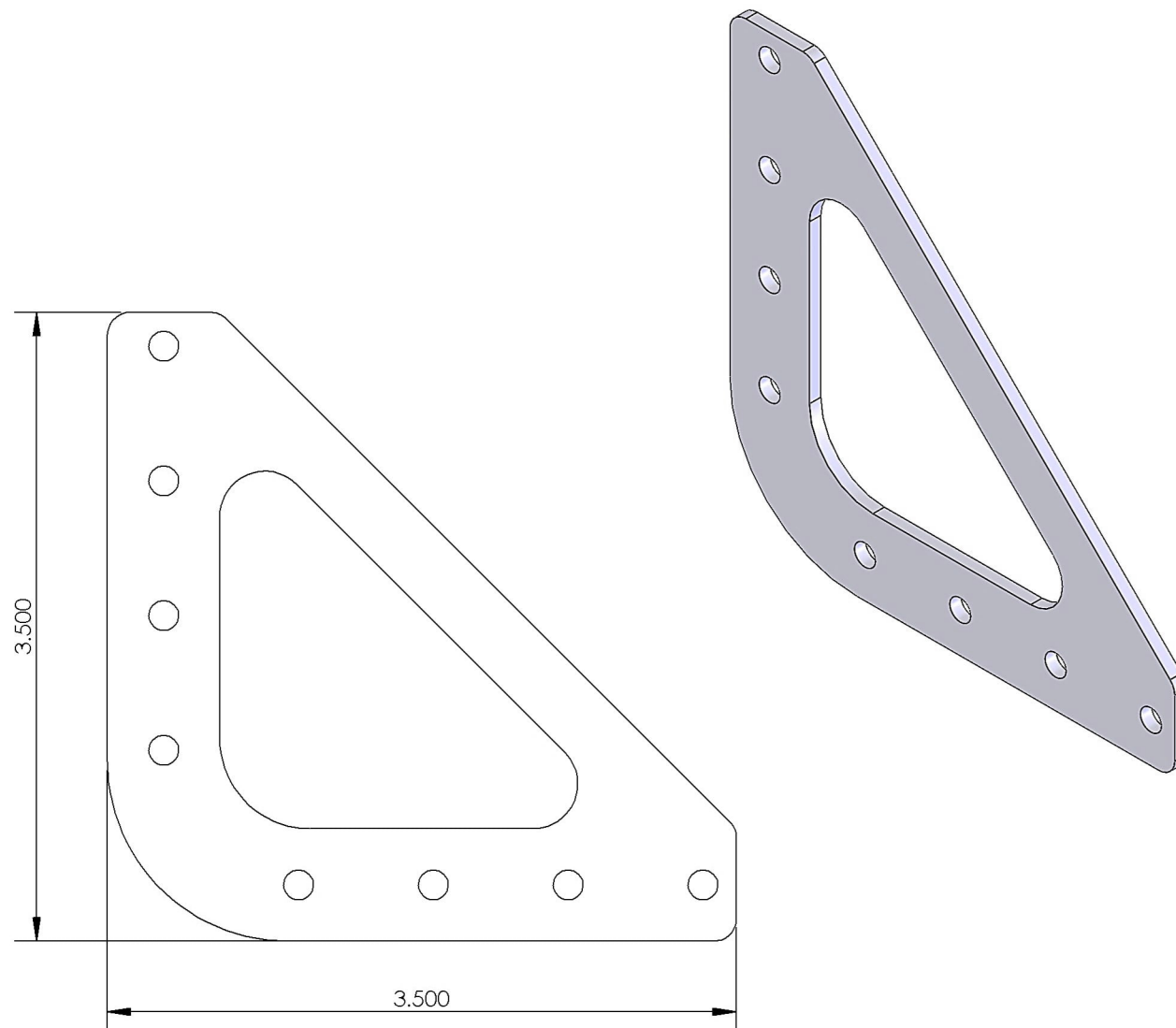
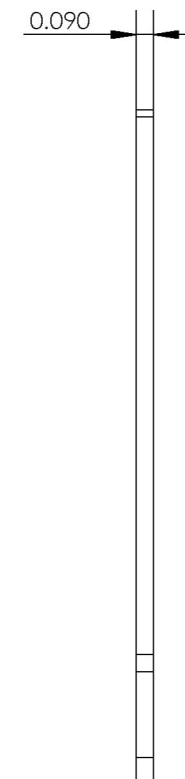
PRINTED ON 2026-09-29

SCALE: 1:5

SHEET 1 OF 1

PROCESS:

FABWORKS

AS SHOWN: 4
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.045	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P585.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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Hopper Gusset

DWG. NO.

OPR26-B-P585

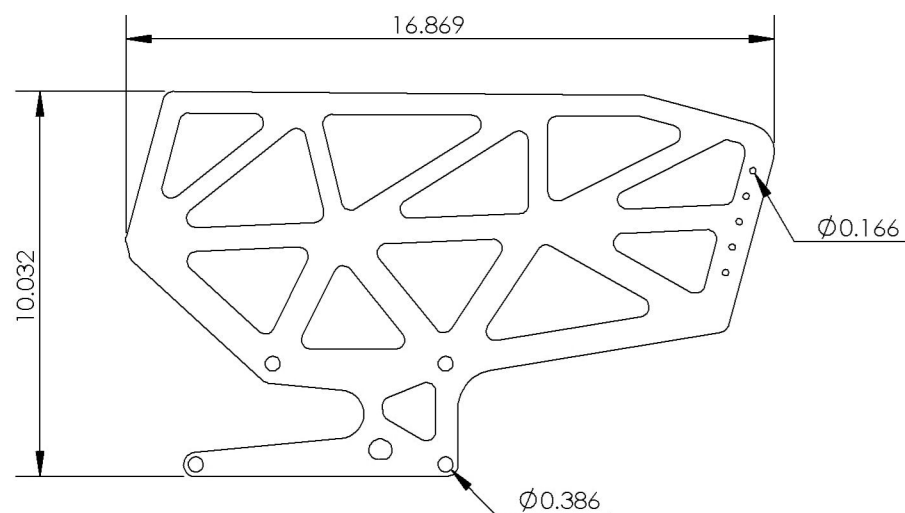
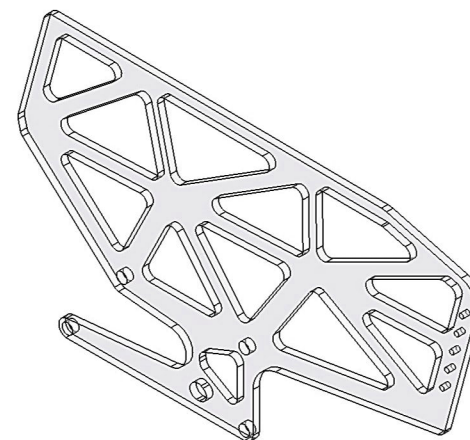
PRINTED ON 2026-09-29

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

Router



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.236 Lexan Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.681	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P586.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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Hopper Left Side

DWG. NO.

OPR26-B-P586

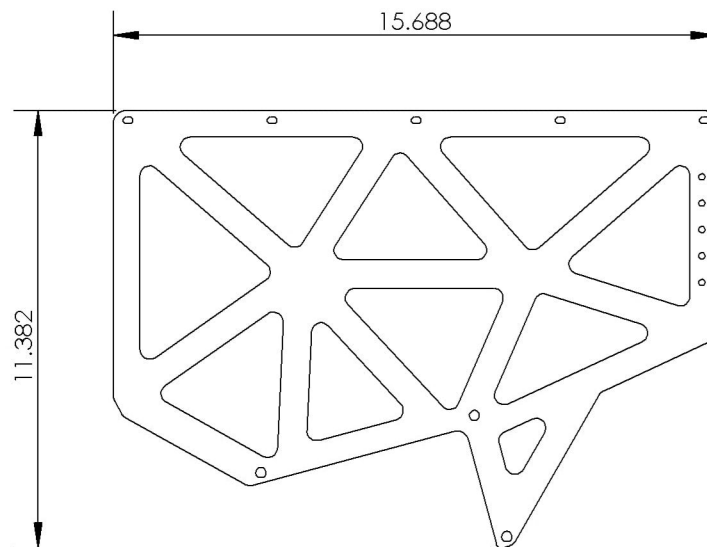
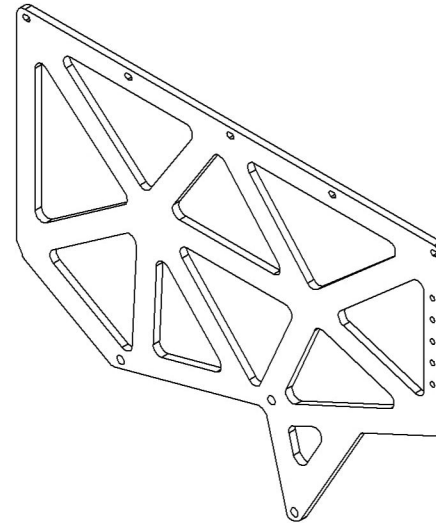
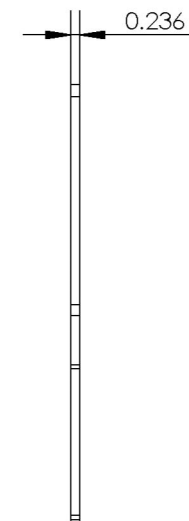
PRINTED ON 2026-02-22

SCALE: 1:5

SHEET 1 OF 1

PROCESS:

Router



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.236 Lexan Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.706	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P586-R2.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

OP Robotics

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Hopper Left Side

DWG. NO.

OPR26-B-P586-R2

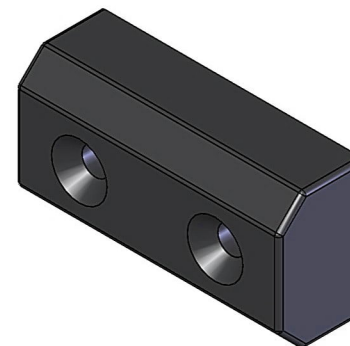
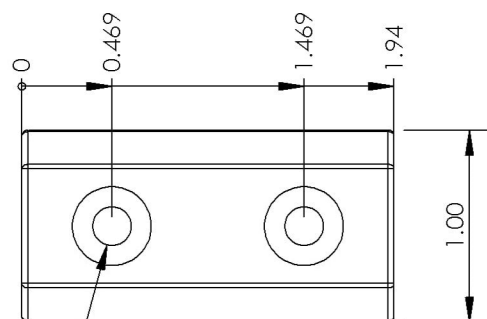
PRINTED ON 2026-09-29

SCALE: 1:5

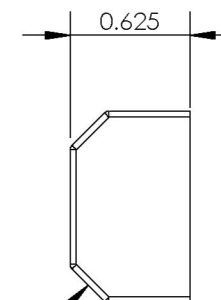
SHEET 1 OF 1

PROCESS:

MILL



2X ϕ .201 THRU ALL
 $\surd$ ϕ .410 X 82°



0.188 X 45°

AS SHOWN: 4
 OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
Black Delrin Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.055	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P587.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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INTAKE SLIDER BLOCK

DWG. NO.

OPR26-B-P587

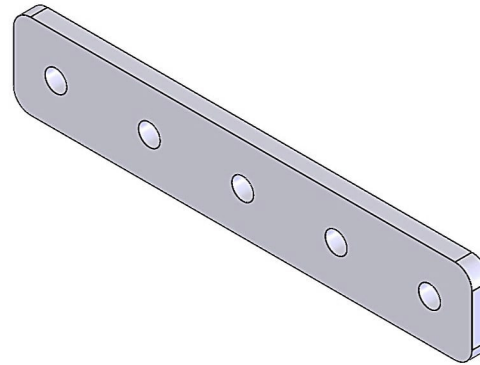
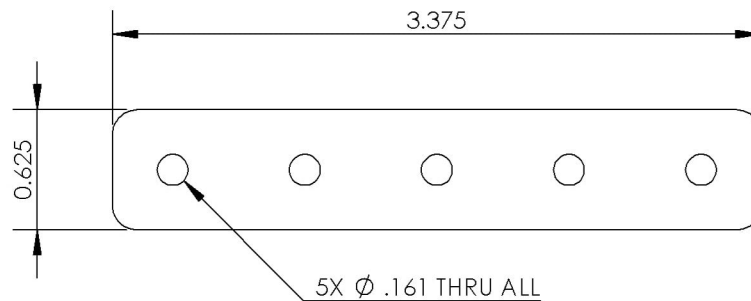
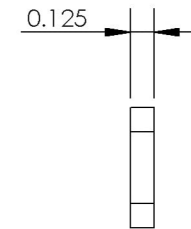
PRINTED ON 2026-09-29

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

CNC



AS SHOWN: 4
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
0.125 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.024	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P588.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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WASHER PLATE

DWG. NO.

OPR26-B-P588

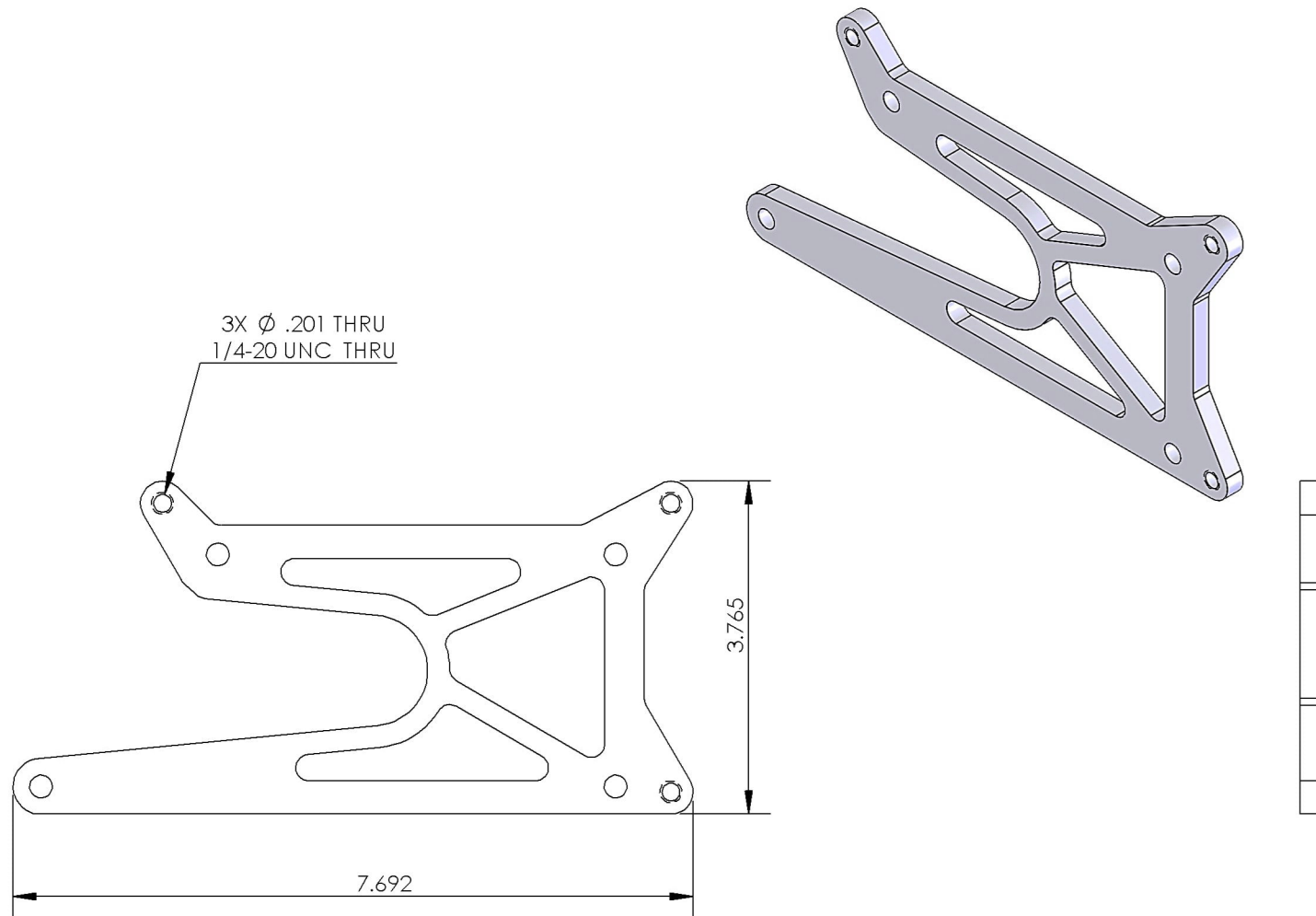
PRINTED ON 2026-09-29

SCALE: 1:1

SHEET 1 OF 1

PROCESS:

CNC



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.250 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.263	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P589.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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Hopper Sides Bracket

DWG. NO.

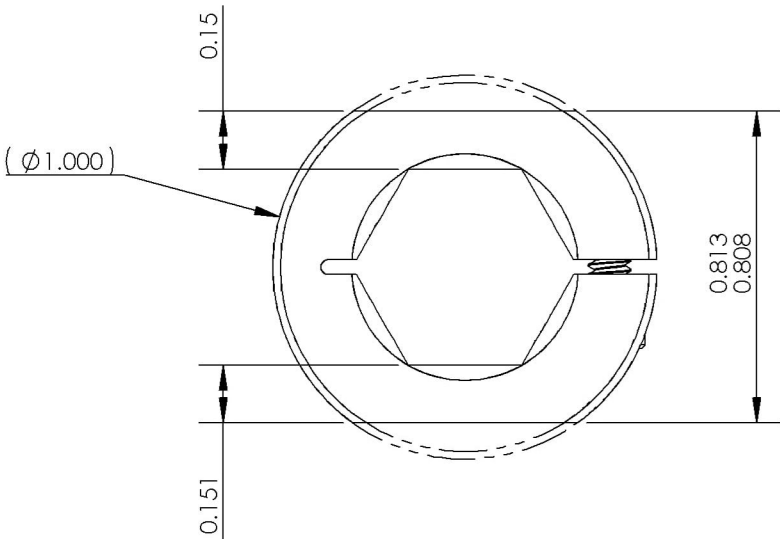
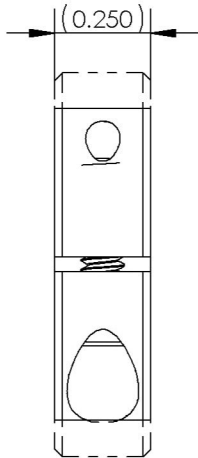
OPR26-B-P589

PRINTED ON 08/04/2026

SCALE: 1:2

SHEET 1 OF 1

	PART NUMBER	DESCRIPTION	QTY.	Material	Price	Weight	Supplier		PROCESS:	MODIFIED PURCHASE
1	WCP-0799	1/2" Hex Clamping Shaft Collar	1	6061-T6	0.0136	0.014	WCP			



AS SHOWN: 6
OPPOSITE:

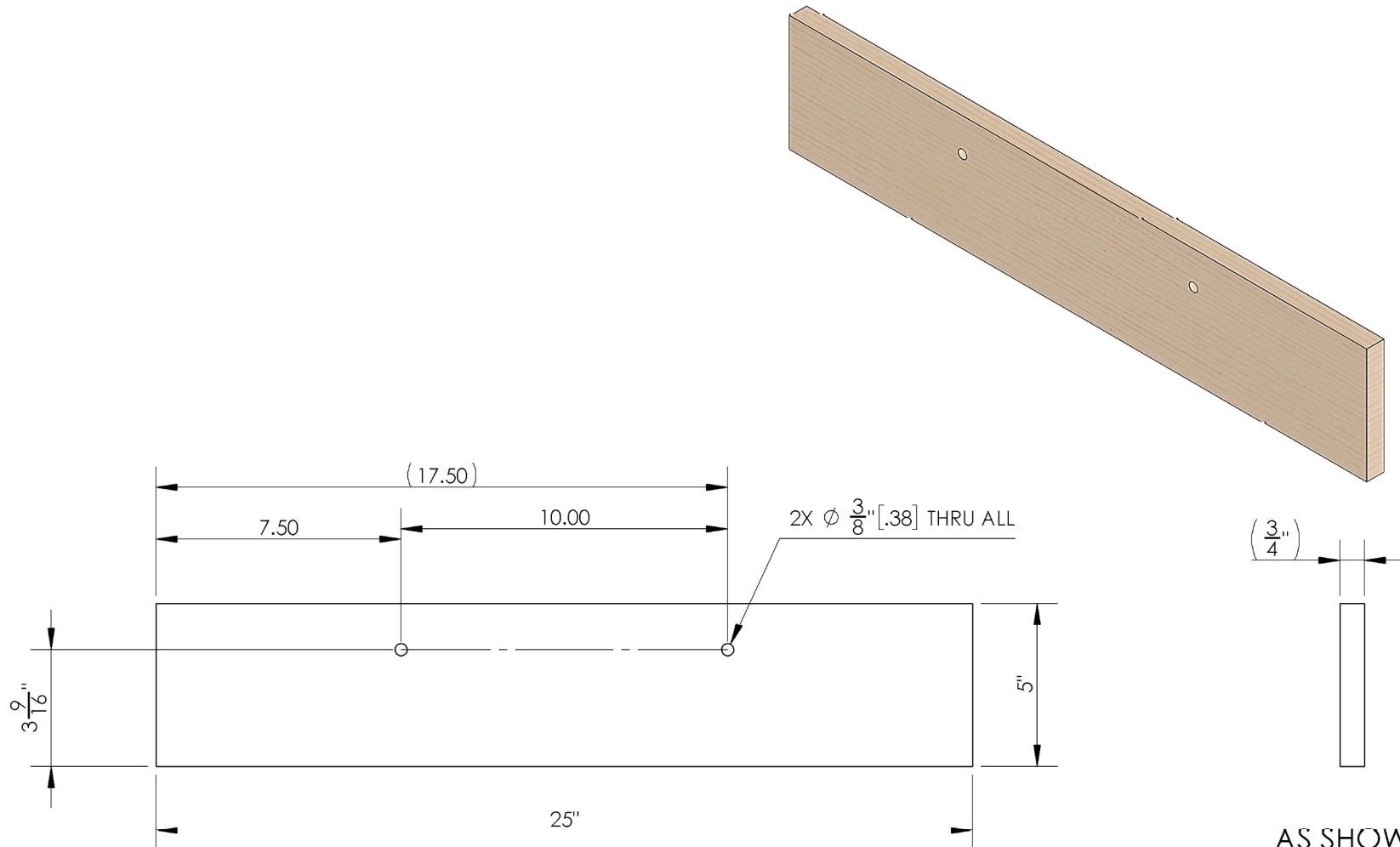
DASHED LINES INDICATED
UNMODIFIED PART



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>			
ASSEMBLY		PRIMARY UNITS INCHES					
Finish		NO BURRS OR SHARP EDGES		SHAFT COLLAR WITH FLATS			
NO FINISH		TOLERANCES					
Weight	Drawn By		FRACTIONS ±1/32"		DWG. NO. OPR26-B-P590		
0.012	BP		2 DECIMAL PLACES ±.010"				
Dimensions per OPR26-B-P590.sldprt or .step			3 DECIMAL PLACES ±.003"		PRINTED ON 2026-09-29 SCALE: 2:1 SHEET 1 OF 1		
			FLAT PATTERNS ±.005"				
			ANGULAR DEGREES ±0.5°				
			BENDS ±0.010"				

PROCESS:

BUMPER

AS SHOWN: 4
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
3/4" Plywood Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32$ "
2.029	BP	2 DECIMAL PLACES	$\pm .010$ "
Dimensions per OPR26-B-P800.sldprt or .step		3 DECIMAL PLACES	$\pm .003$ "
		FLAT PATTERNS	$\pm .005$ "
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	± 0.010 "

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Side Bumper Backing

DWG. NO.

OPR26-B-P800

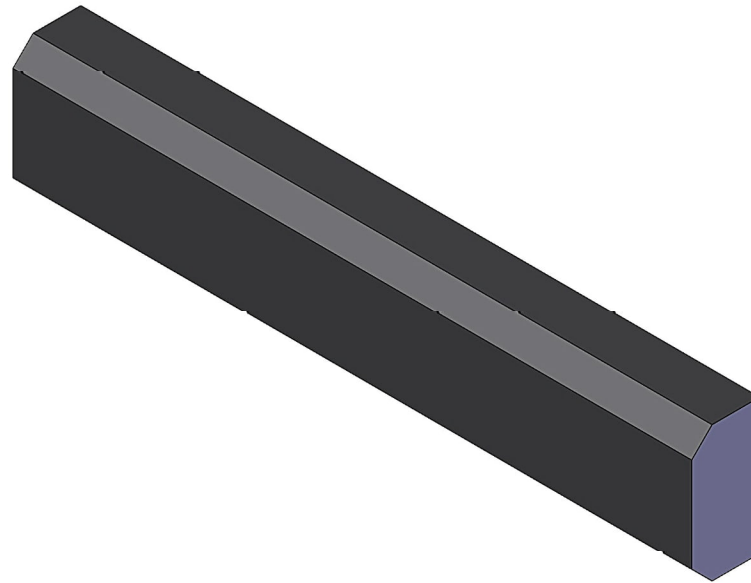
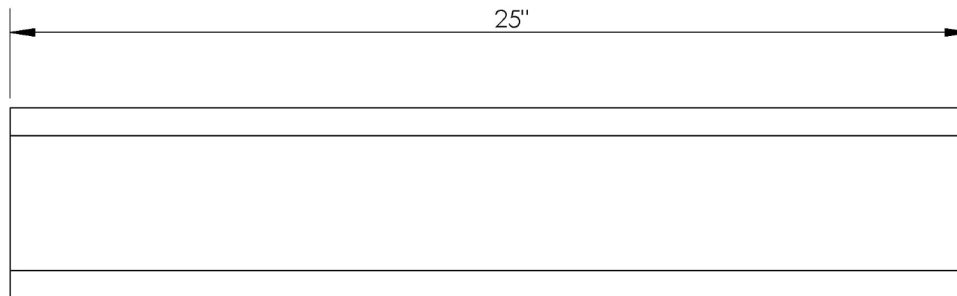
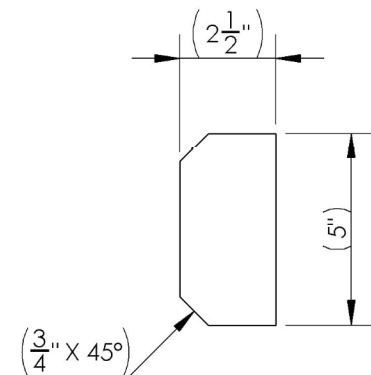
PRINTED ON 2026-02-23

SCALE: 1:5

SHEET 1 OF 1

PROCESS:

WCP

AS SHOWN: 4
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
XLPE Bumper Foam		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.519	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P801.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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Side Bumper Foam (WCP-2498)

DWG. NO.

OPR26-B-P801

PRINTED ON 2026-02-23

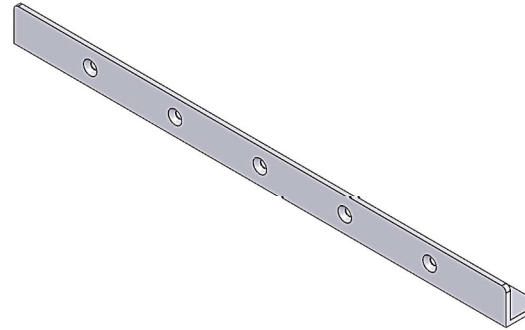
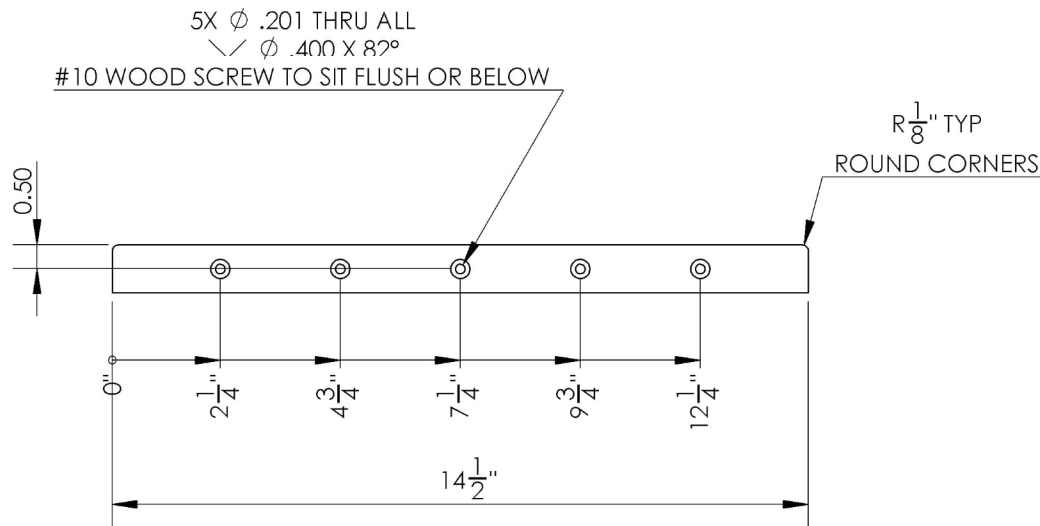
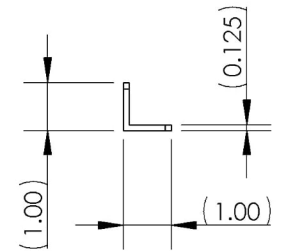
SCALE: 1:5

SHEET 1 OF 1

EXACT HOLE PATTERN NOT IMPORTANT ANY BUMPER ANGLE WITH THE SAME LENGTH WILL SUFFICE

PROCESS:

MILL



AS SHOWN: 4
 OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
6061-T6 L Channel 1.00 x 1.00 x 0.125 wall		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.327	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P802.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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Bumper Reinforcing Channel

DWG. NO.

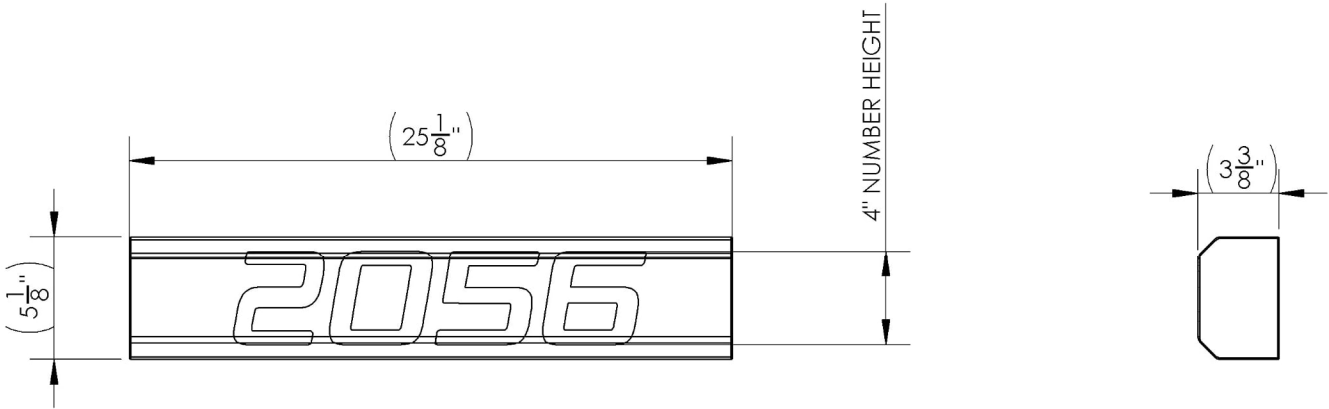
OPR26-B-P802

PRINTED ON 2026-02-23

SCALE: 1:4

SHEET 1 OF 1

Qty	Colour	DRAWING FOR REFERENCE	PROCESS:	BUMPER
2	BLUE			
2	RED			



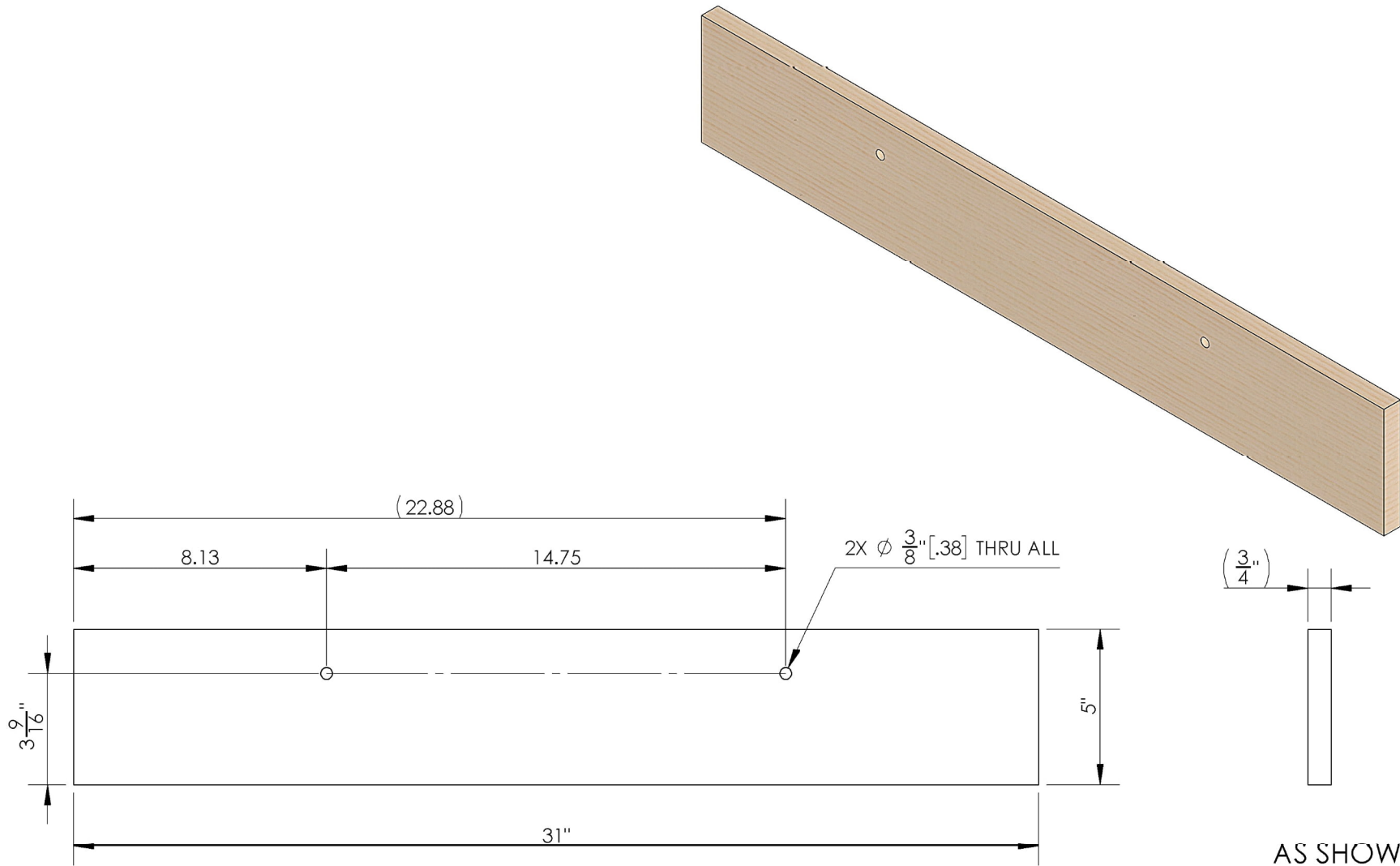
AS SHOWN: 4
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div> <div>Side Bumper Fabric</div>		
Codura Fabric		PRIMARY UNITS INCHES				
Finish		NO BURRS OR SHARP EDGES				
Silk Screen Team Number		TOLERANCES		<div>DWG. NO.</div> <div>OPR26-B-P803</div> <div>PRINTED ON 2026-02-23 SCALE: 1:8 SHEET 1 OF 1</div>		
Weight	Drawn By	FRACTIONS ± 1/32"				
0.770	BP	2 DECIMAL PLACES ± .010"				
Dimensions per OPR26-B-P803.sldprt or .step		3 DECIMAL PLACES ± .003"				
		FLAT PATTERNS ± .005"				
		ANGULAR DEGREES ± 0.5 °				
		BENDS ± 0.010"				

PROCESS:

BUMPER

AS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
3/4" Plywood Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
2.516	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P810.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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Rear Bumper Backing

DWG. NO.

OPR26-B-P810

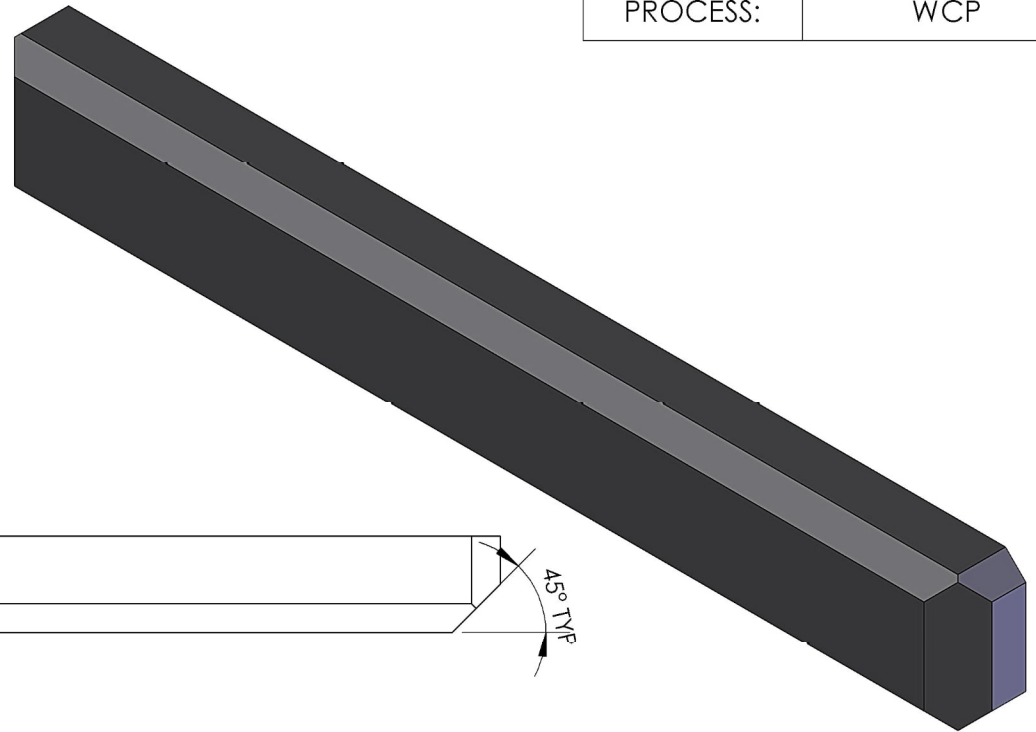
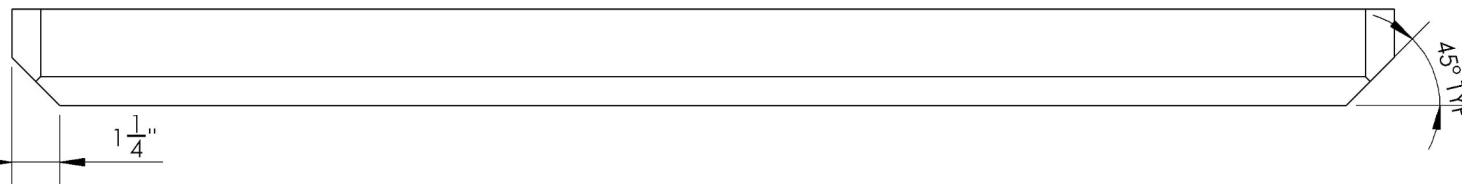
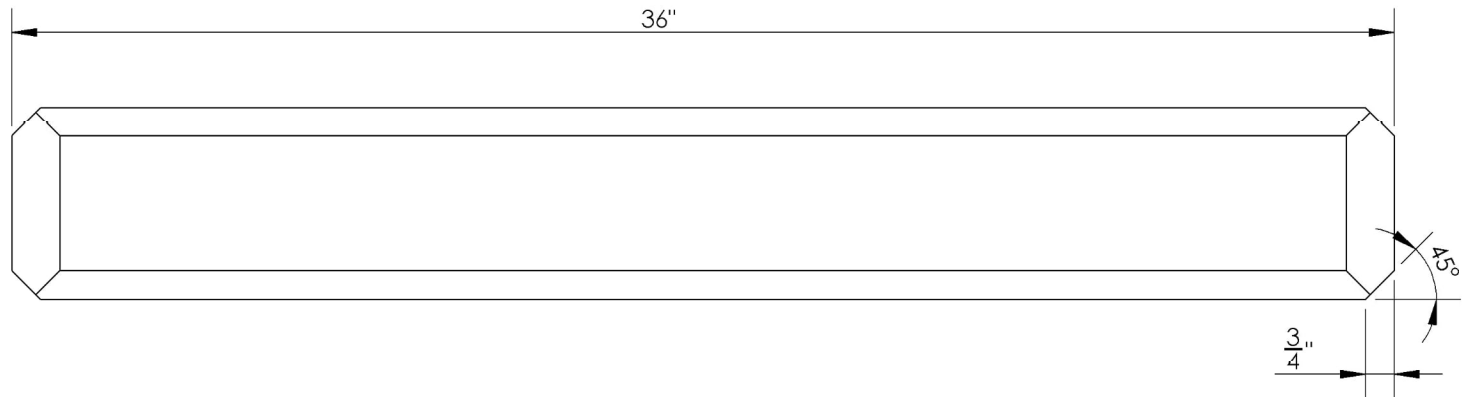
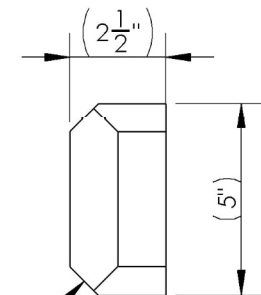
PRINTED ON 2026-02-23

SCALE: 1:5

SHEET 1 OF 1

PROCESS:

WCP

AS SHOWN: 4
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
XLPE Bumper Foam		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.732	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P811.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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Long Bumper Foam (WCP-2498)

DWG. NO.

OPR26-B-P811

PRINTED ON 2026-02-23

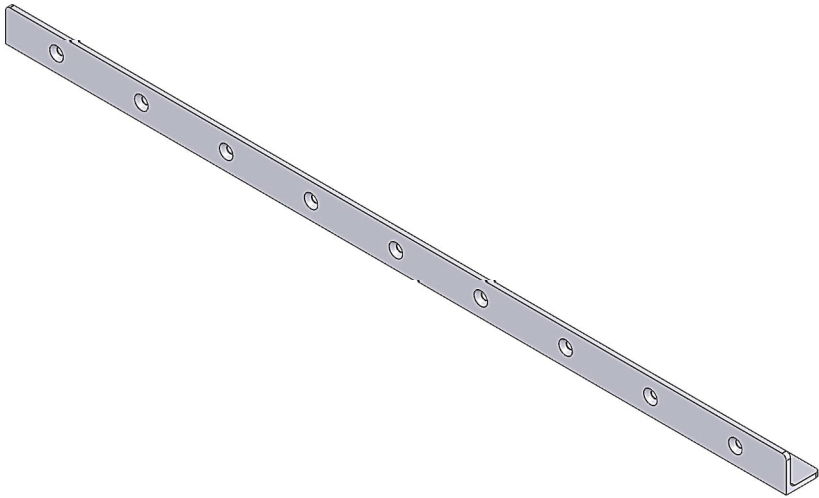
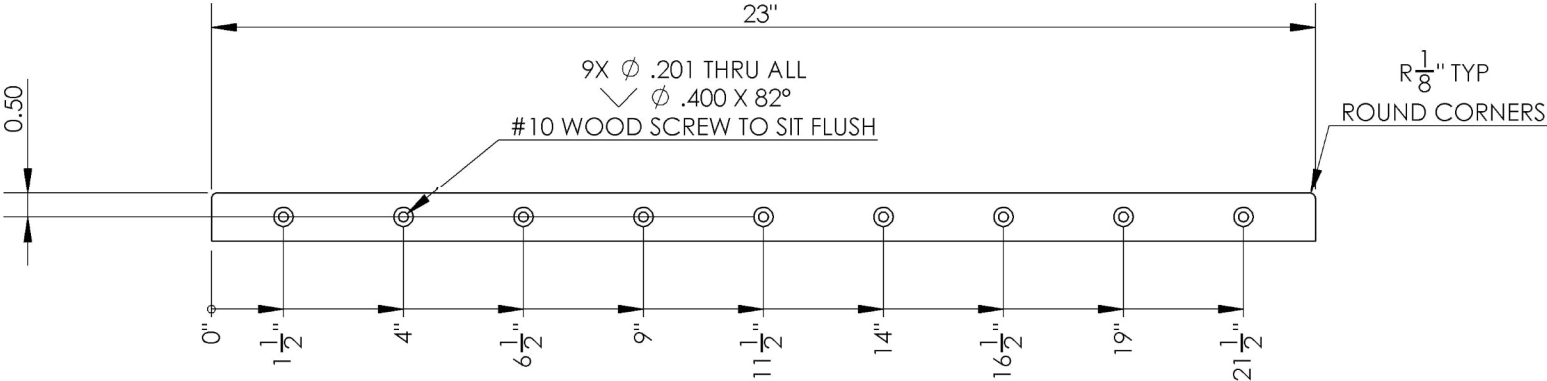
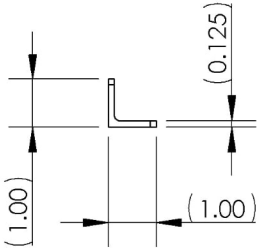
SCALE: 1:5

SHEET 1 OF 1

EXACT HOLE PATTERN NOT IMPORTANT ANY BUMPER ANGLE WITH THE SAME LENGTH WILL SUFFICE

PROCESS:

MILL



AS SHOWN: 2
OPPOSITE:

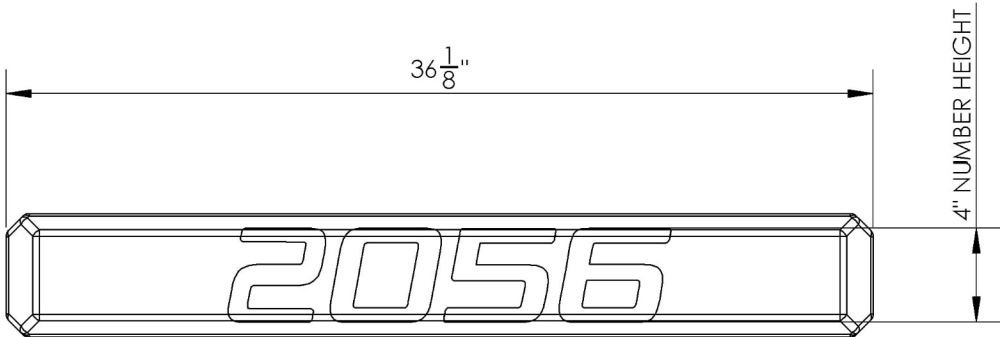
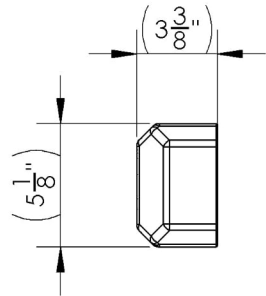


Material		UNLESS OTHERWISE SPECIFIED	
6061-T6 L Channel 1.00 x 1.00 x 0.125 wall		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32$ "
0.525		2 DECIMAL PLACES	$\pm .010$ "
Dimensions per OPR26-B-P812.sldprt or .step		3 DECIMAL PLACES	$\pm .003$ "
		FLAT PATTERNS	$\pm .005$ "
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	± 0.010 "

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Bumper Reinforcing Channel

DWG. NO. **OPR26-B-P812**
PRINTED ON 2026-02-23 | SCALE: 1:4 | SHEET 1 OF 1

Qty	Colour	DRAWING FOR REFERENCE	PROCESS:	BUMPER
2	BLUE			
2	RED			



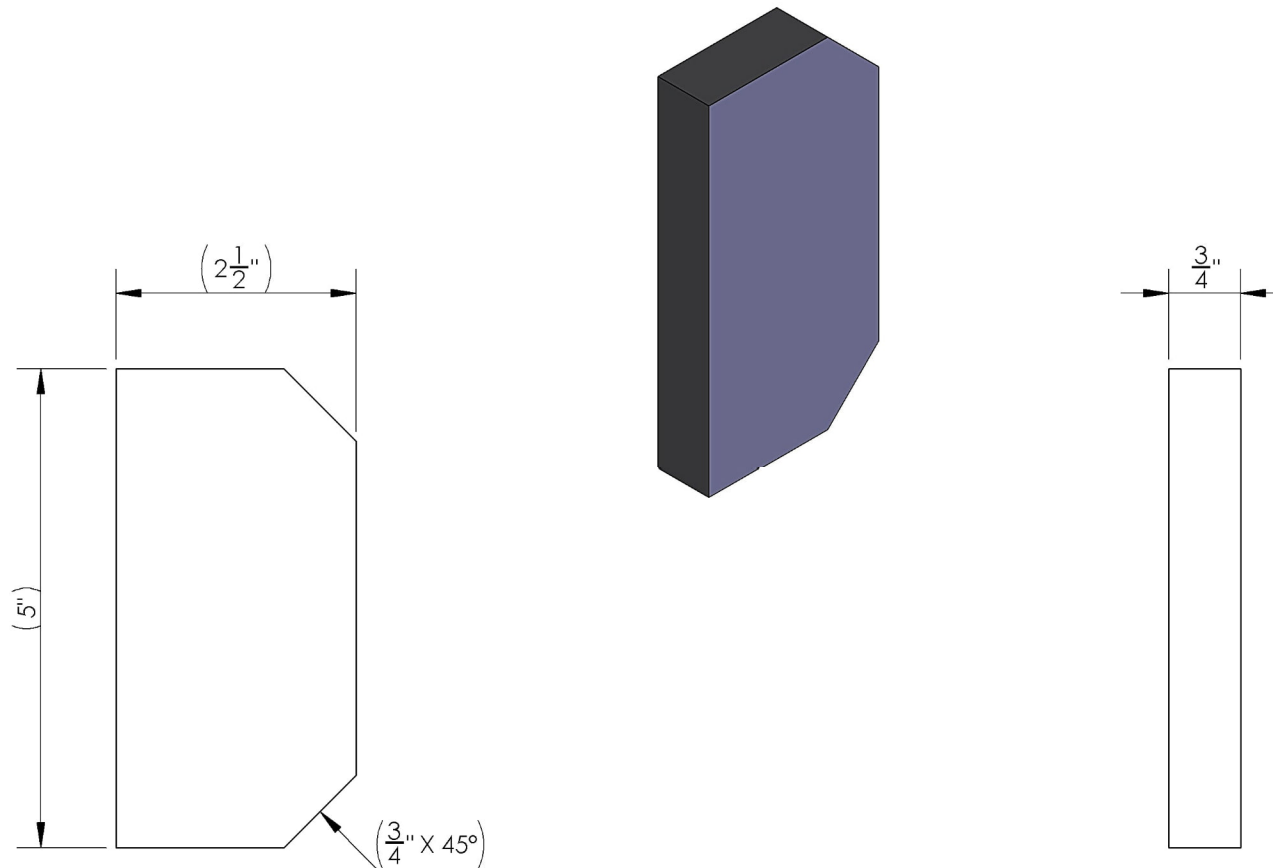
AS SHOWN: 4
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>		
Codura Fabric		PRIMARY UNITS INCHES				
Finish		NO BURRS OR SHARP EDGES		Front/Rear Bumper Fabric		
Silk Screen Team Number		TOLERANCES				
Weight	Drawn By	FRACTIONS ± 1/32"		DWG. NO. OPR26-B-P813		
1.065		2 DECIMAL PLACES ± .010"				
Dimensions per OPR26-B-P813.sldprt or .step		3 DECIMAL PLACES ± .003"		PRINTED ON 2026-02-23 SCALE: 1:8 SHEET 1 OF 1		
		FLAT PATTERNS ± .005"				
		ANGULAR DEGREES ± 0.5 °				
		BENDS ±0.010"				

PROCESS:

WCP



AS SHOWN: 8
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
XLPE Bumper Foam		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.016	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-B-P814.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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Corner Bumper Foam

DWG. NO.

OPR26-B-P814

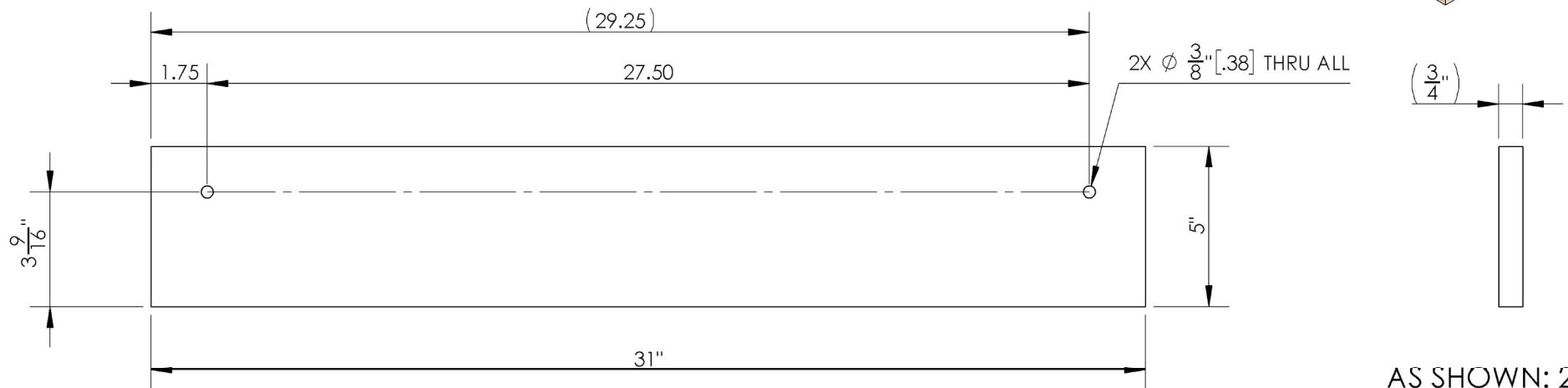
PRINTED ON 2026-02-23

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

BUMPER

AS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
3/4" Plywood Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
2.516	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P820.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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FRONT BUMPER BACKING

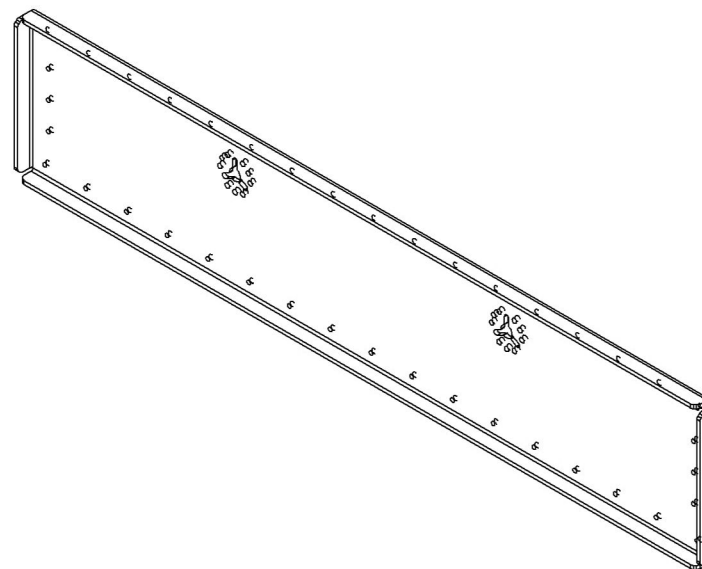
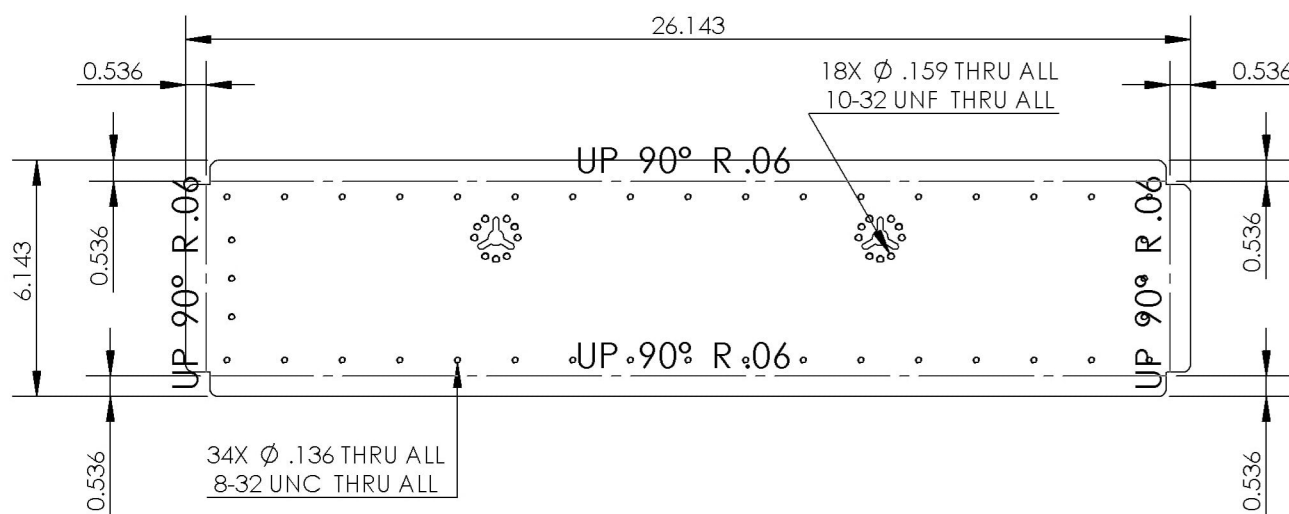
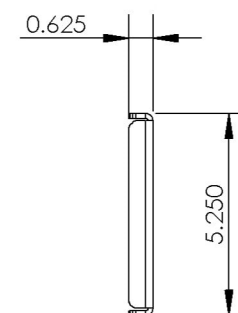
DWG. NO.

OPR26-B-P820

PRINTED ON 2026-02-23

SCALE: 1:5

SHEET 1 OF 1



AS SHOWN: 5
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
0.125 5052-H32 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
1.905		2 DECIMAL PLACES	±.010"
		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"
Dimensions per OPR26-B-P830.sldprt or .step			

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BUMPER BACKING

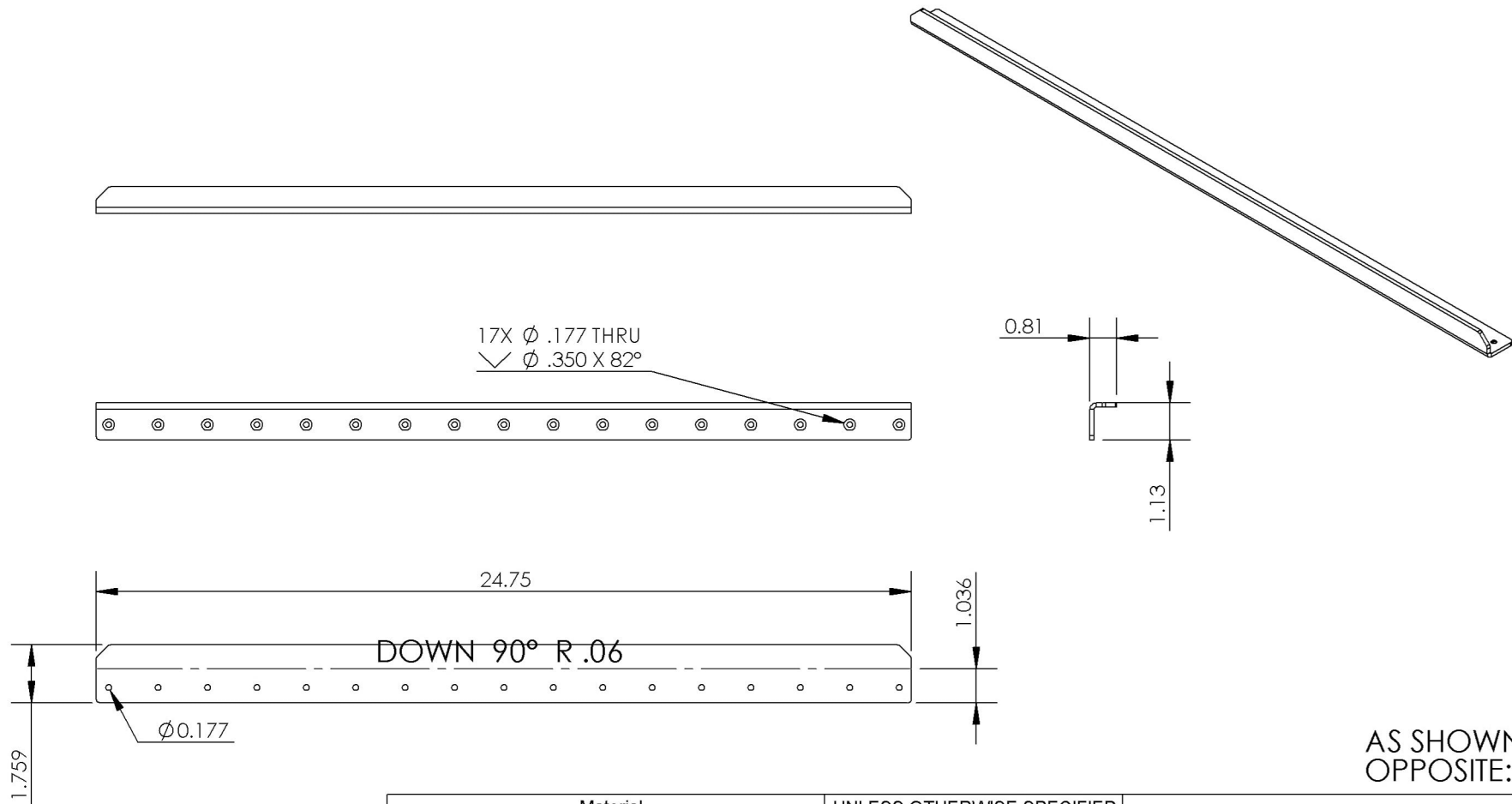
DWG. NO.

OPR26-B-P830

PRINTED ON 2026-09-29

SCALE: 1:5

SHEET 1 OF 1



AS SHOWN: 10
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
0.125 5052-H32 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.520		2 DECIMAL PLACES	±.010"
Dimensions per OPR26-B-P831.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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FABRIC ANGLE

DWG. NO.

OPR26-B-P831

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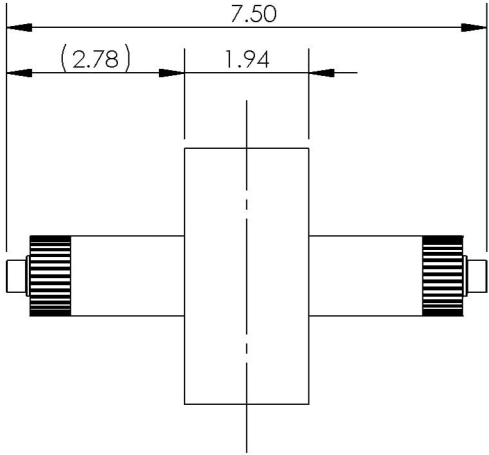
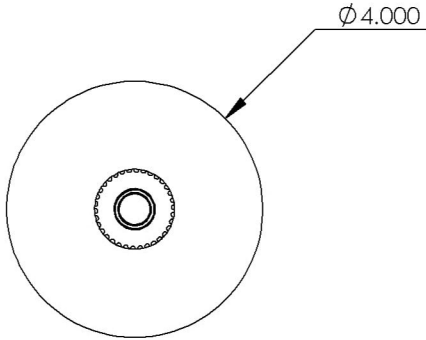
SCALE: 1:5

SHEET 1 OF 1

	PART NUMBER	DESCRIPTION	QTY.	Material	ManPartNum	Price	Weight	Supplier
1	OPR26-P101	SHOOTER WHEEL SHAFTS	1	1.250"OD, 0.063" Wall 6061-T6 Round Tube 5.500" Long		0.3756	0.1252	LATHE (TY's DAD)
2	OPR26-P114	Shooter Wheel Drive Plug	2	MODIFIED PURCHASE	N/A	N/A	0.086	LATHE (TY's DAD)
3	2477K37	Large-Bore Urethane Drive Roller 60A Durometer, 4" Dia, 1.92" W, 1-1/4" Bore ID	1	POLYURETHANE (11671)	2477k37	32.63	0.9724	McMaster Carr

PRESS FIT ENDS PULLEY ENDS

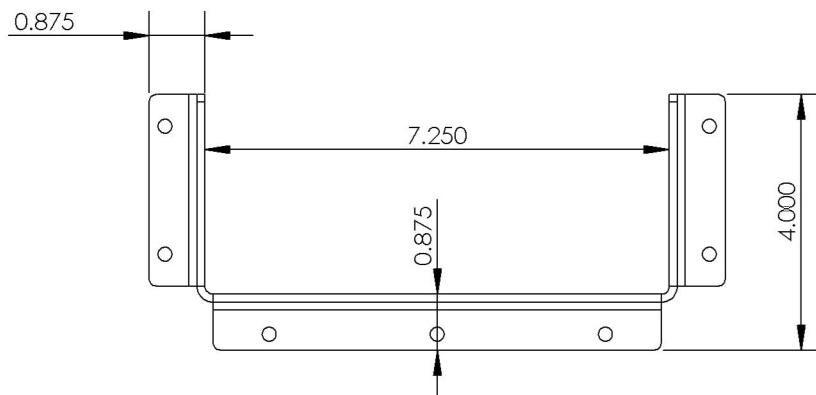
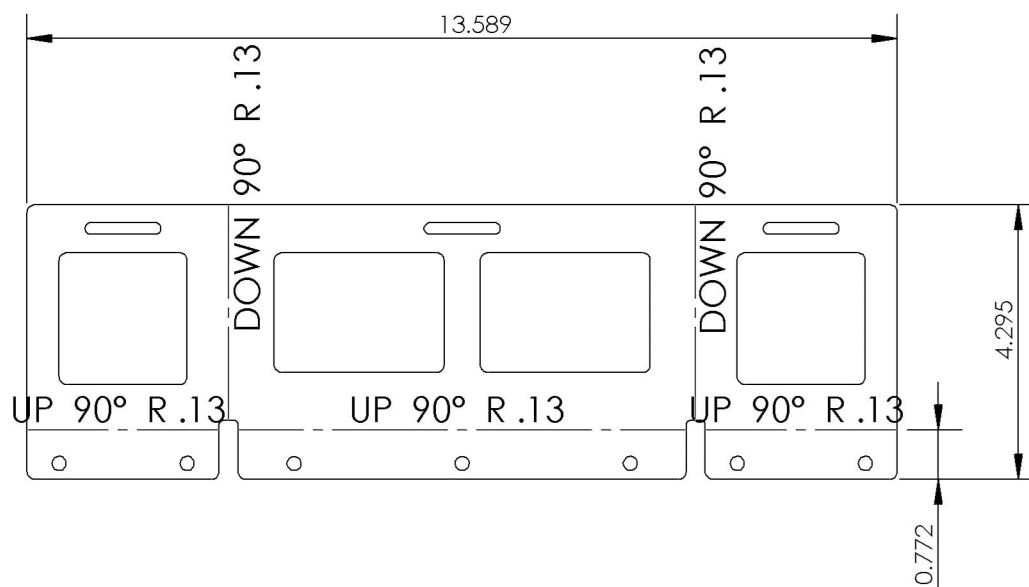
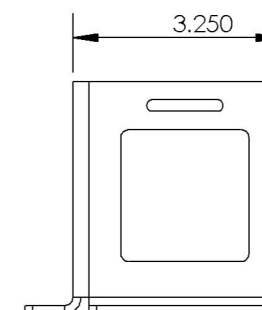
PRESS FIT ON WHEEL



Required RH: 3
Required LH: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>			
ASSEMBLY		PRIMARY UNITS INCHES					
Finish		NO BURRS OR SHARP EDGES		SHOOTER WHEEL ASSEMBLY			
NO FINISH		TOLERANCES					
Weight	Drawn By		FRACTIONS ±1/32"		DWG. NO. OPR26-A11		
1.27	TH		2 DECIMAL PLACES ±.010"				
Dimensions per OPR26-A11.sldprt or .step			3 DECIMAL PLACES ±.003"		PRINTED ON 2026-10-12 SCALE: 1:3 SHEET 1 OF 1		
			FLAT PATTERNS ±.005"				
			ANGULAR DEGREES ±0.5°				
			BENDS ±0.010"				



AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
0.125 5052-H32 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.5	Th	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-P019.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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Battery Holder

DWG. NO.

OPR26-P019

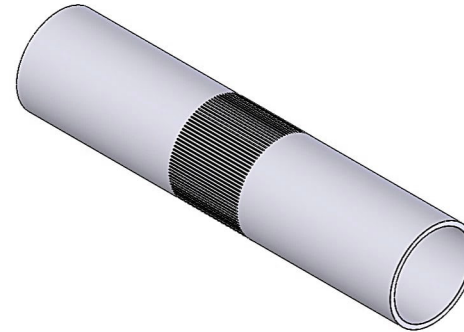
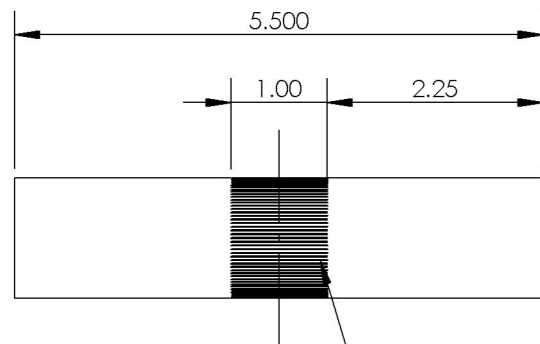
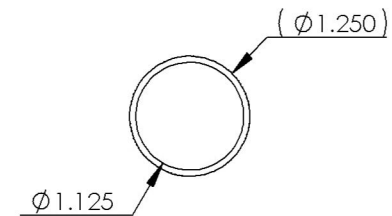
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SCALE: 1:3

SHEET 1 OF 1

PROCESS:

LATHE (TY's DAD)



KNURL FOR PRESS FIT WITH
MCMASTER FAIRLANE DRIVE ROLLER

Required RH: 3
Required LH: 0

Material		UNLESS OTHERWISE SPECIFIED	
1.250"OD, 0.063" Wall 6061-T6 Round Tube		PRIMARY UNITS	INCHES
5.500" Long		NO BURRS OR SHARP EDGES	
Finish		TOLERANCES	
NO FINISH		FRACTIONS	±1/32"
Weight	Drawn By	2 DECIMAL PLACES	±.010"
0.1252	TH	3 DECIMAL PLACES	±.003"
Dimensions per		FLAT PATTERNS	±.005"
OPR26-P101.sldprt or .step		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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SHOOTER WHEEL SHAFTS

DWG. NO.

OPR26-P101

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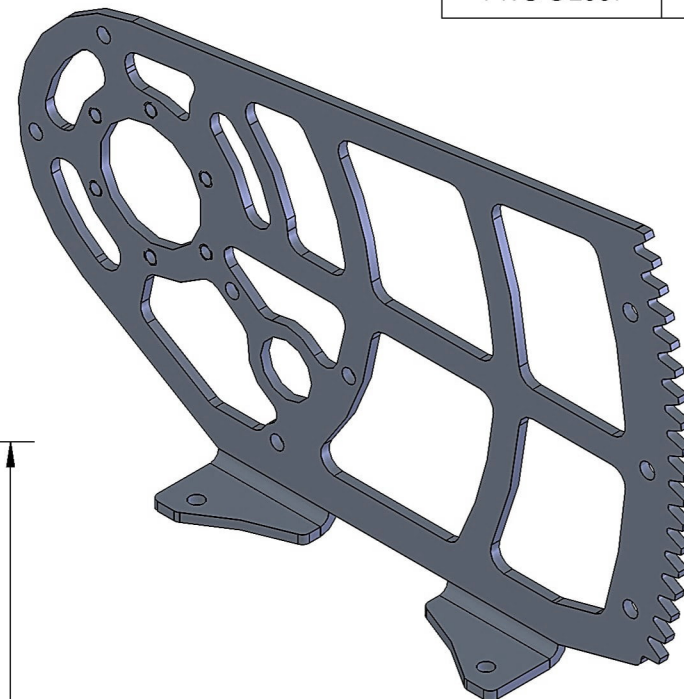
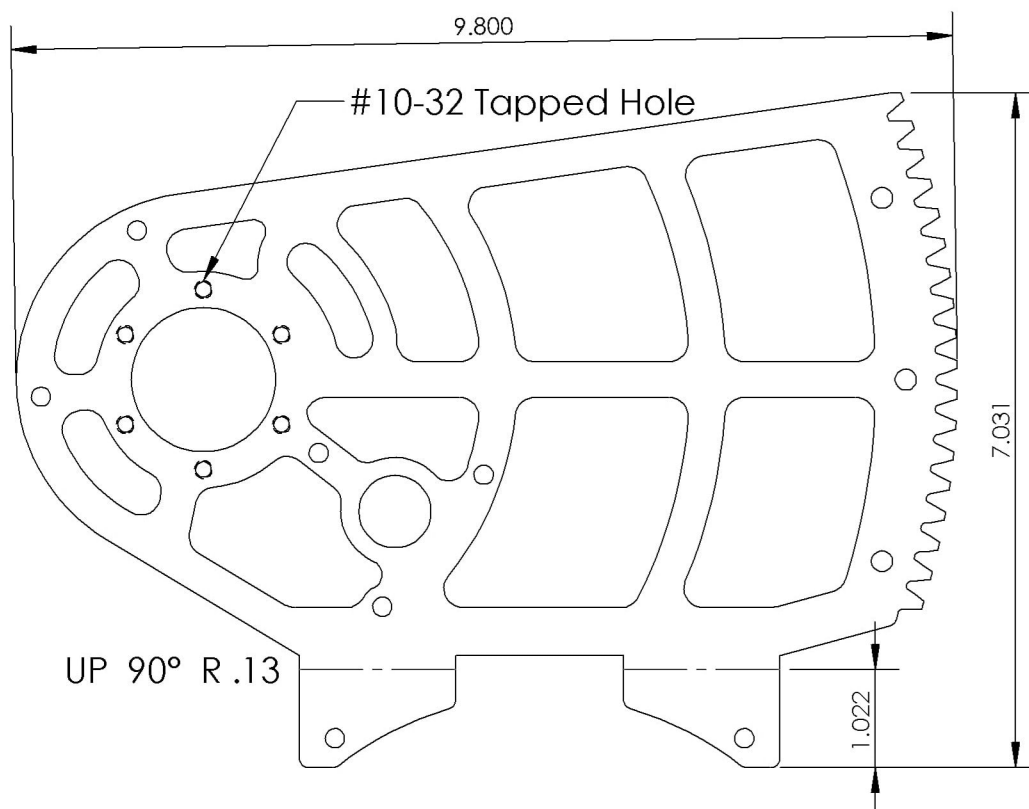
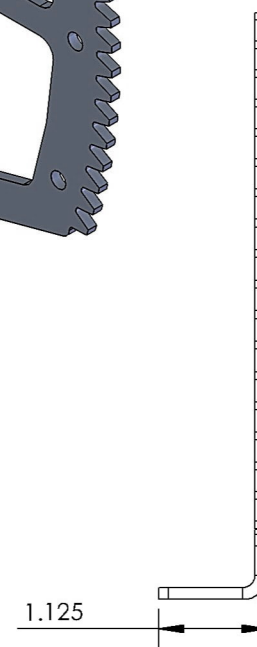
SCALE: 1:2

SHEET 1 OF 1



PROCESS:

FABWORKS



AS SHOWN: 2
OPPOSITE: 2

Material		UNLESS OTHERWISE SPECIFIED	
0.125 5052-H32 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.303	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-P105.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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SHOOTER SIDE PLATE

DWG. NO.

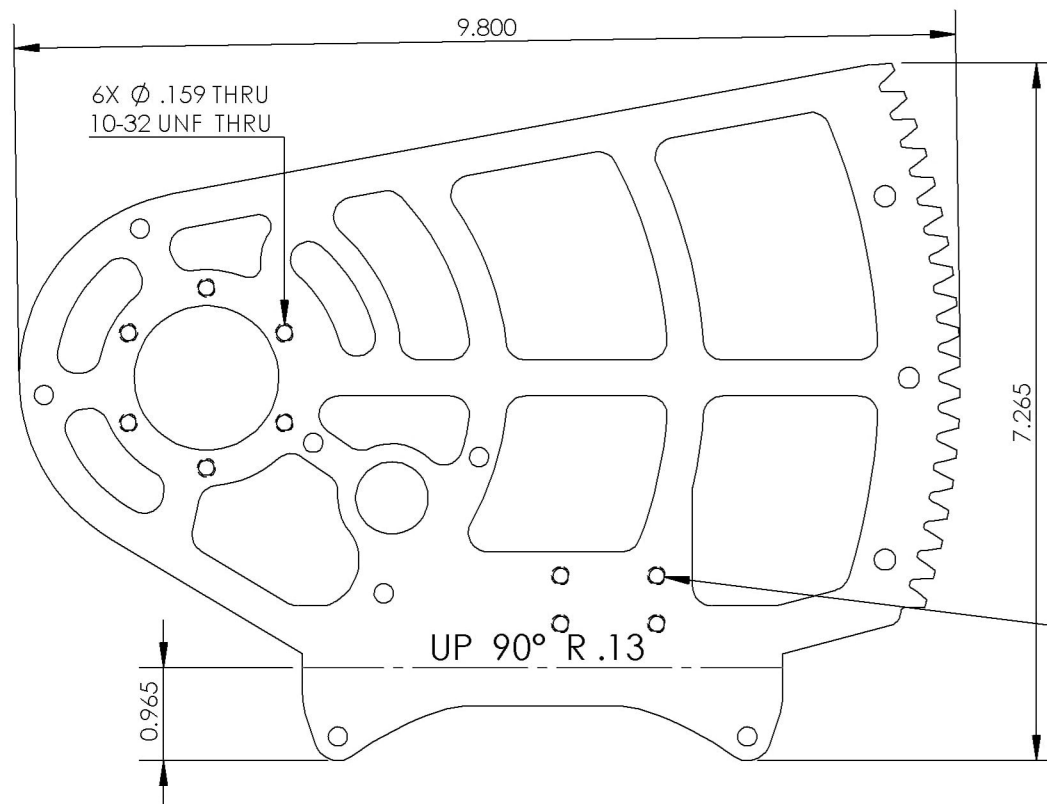
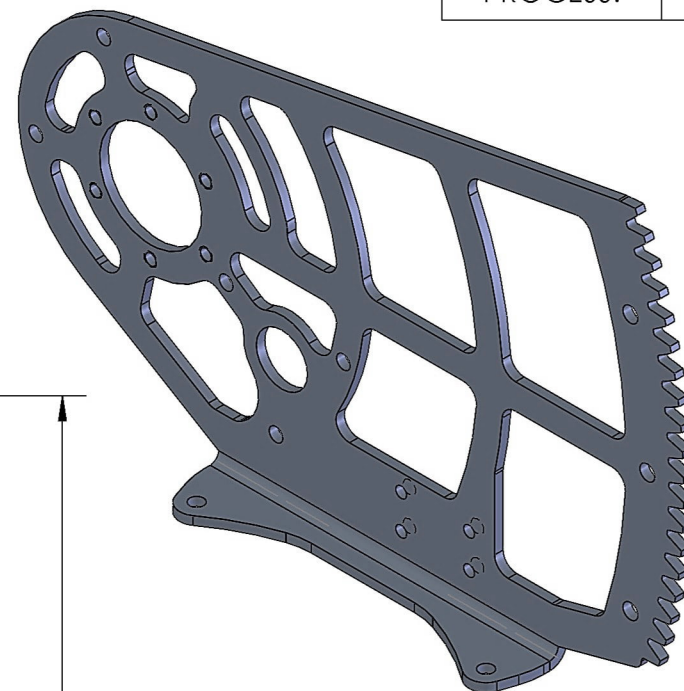
OPR26-P105

PRINTED ON 2026-01-27

SCALE: 1:2

SHEET 1 OF 1





AS SHOWN: 2
OPPOSITE: 2



Material		UNLESS OTHERWISE SPECIFIED	
0.125 5052-H32 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.333	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-P105-R1.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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SHOOTER SIDE PLATE

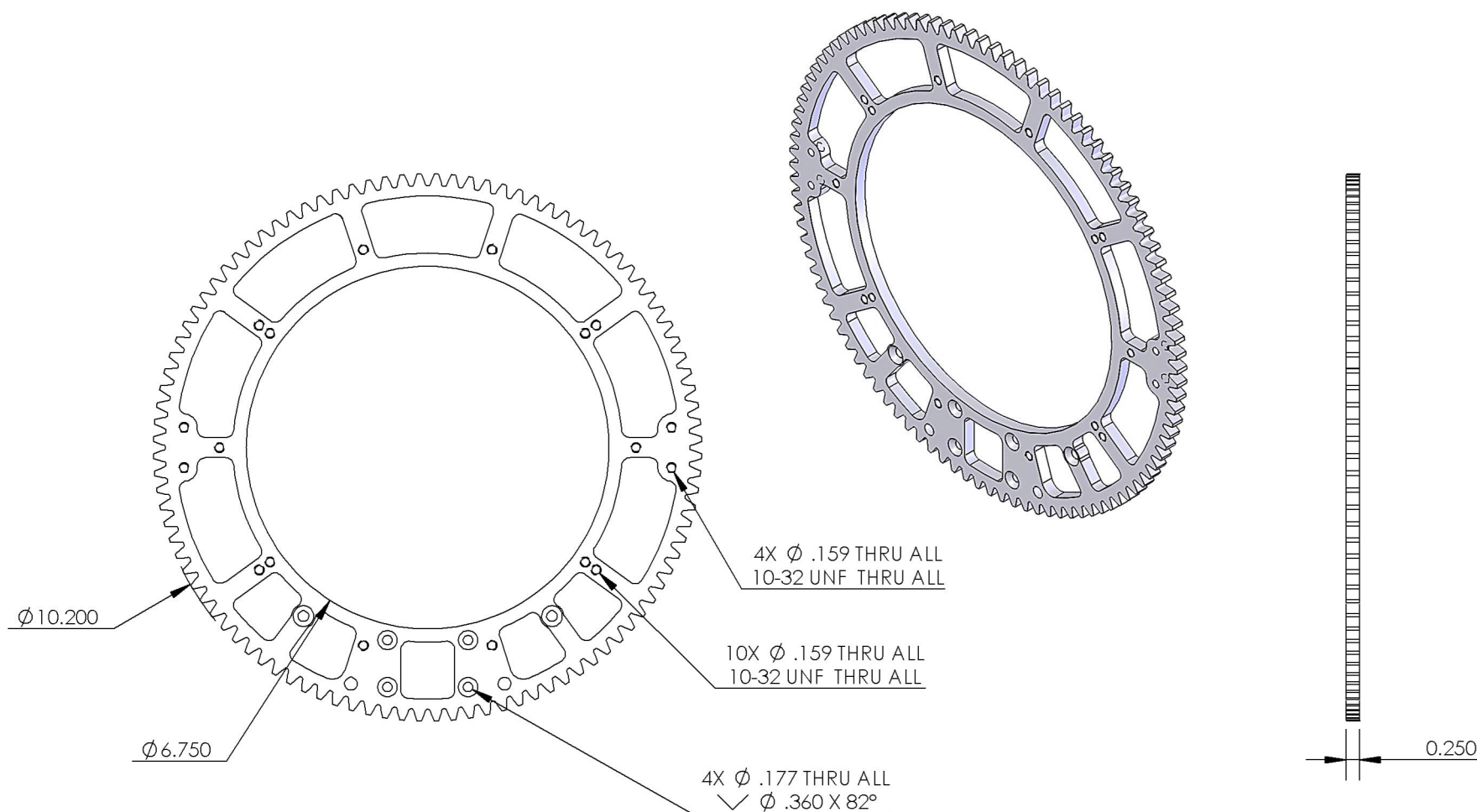
DWG. NO.

OPR26-P105-R1

PRINTED ON 2026-10-12

SCALE: 1:2

SHEET 1 OF 1



AS SHOWN: 2
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.515	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-P106.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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TURRET GEAR

DWG. NO.

OPR26-P106

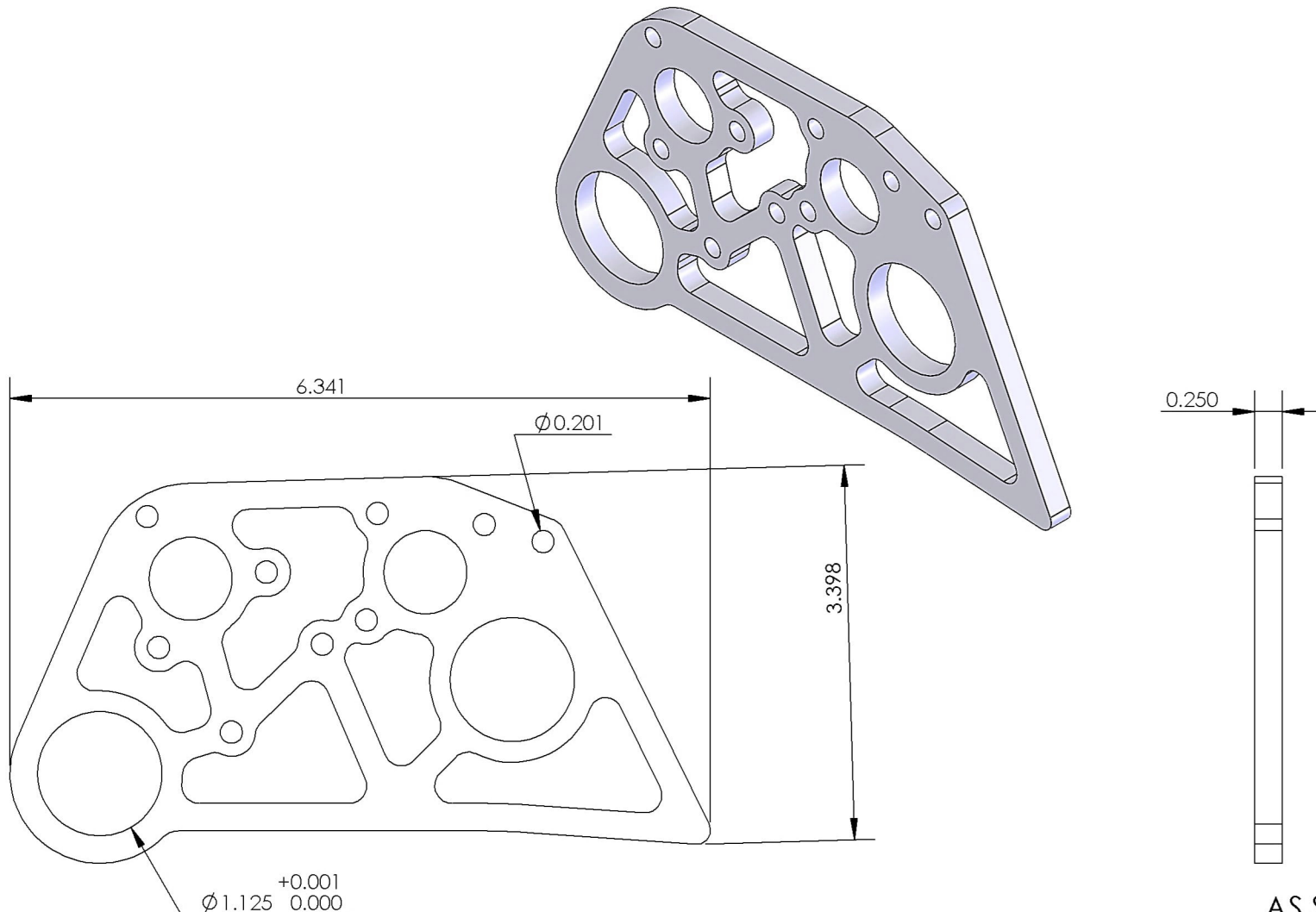
PRINTED ON 2026-01-27

SCALE: 1:3

SHEET 1 OF 1

PROCESS:

CNC

AS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.206	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-P108-R1.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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DRIVE SIDE KICKER PLATE

DWG. NO.

OPR26-P108-R1

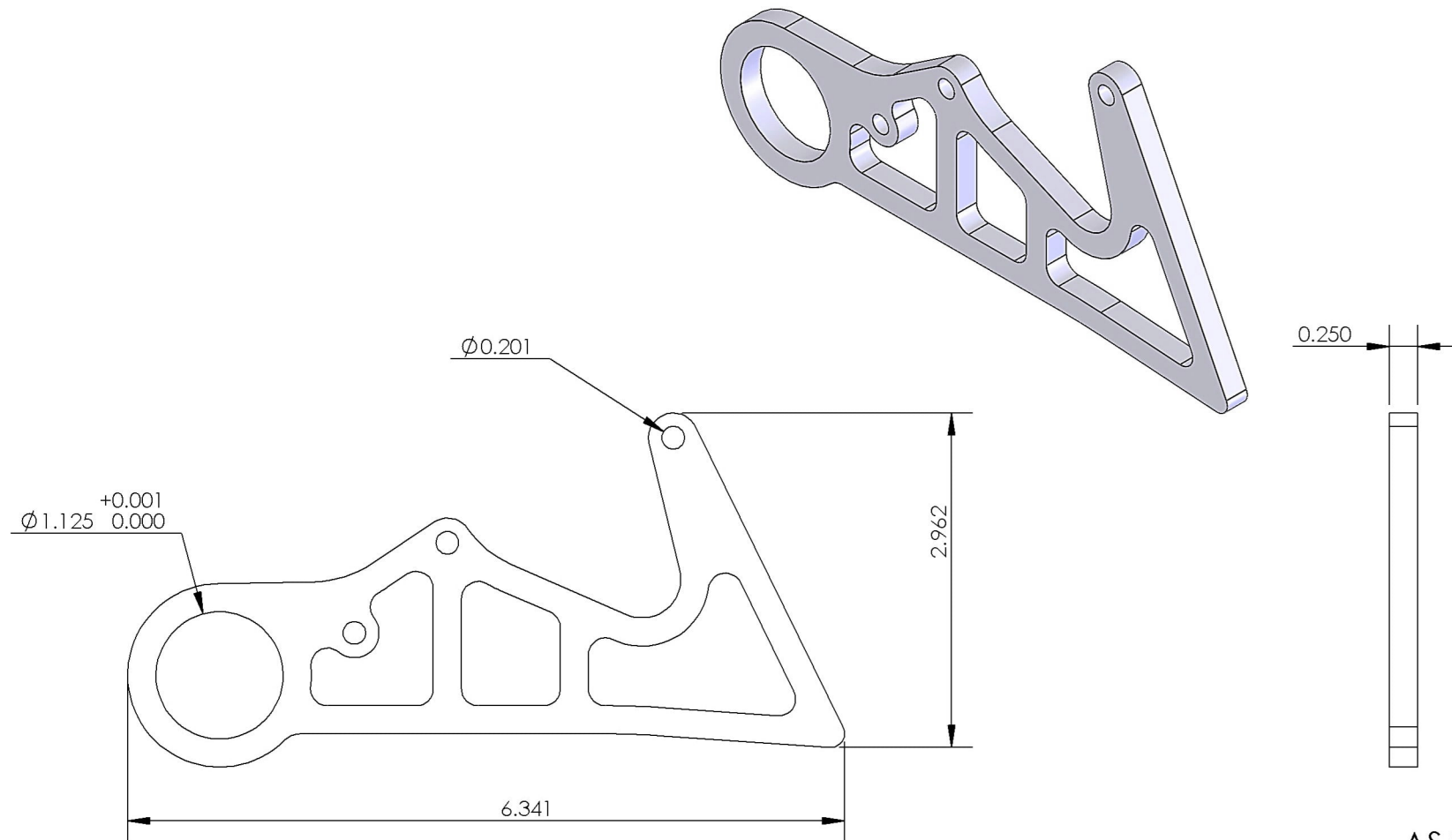
PRINTED ON 2026-10-12

SCALE: 2:3

SHEET 1 OF 1

PROCESS:

CNC

AS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.132	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-P109-R1.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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KICKER ROLLER SIDE PLATE

DWG. NO.

OPR26-P109-R1

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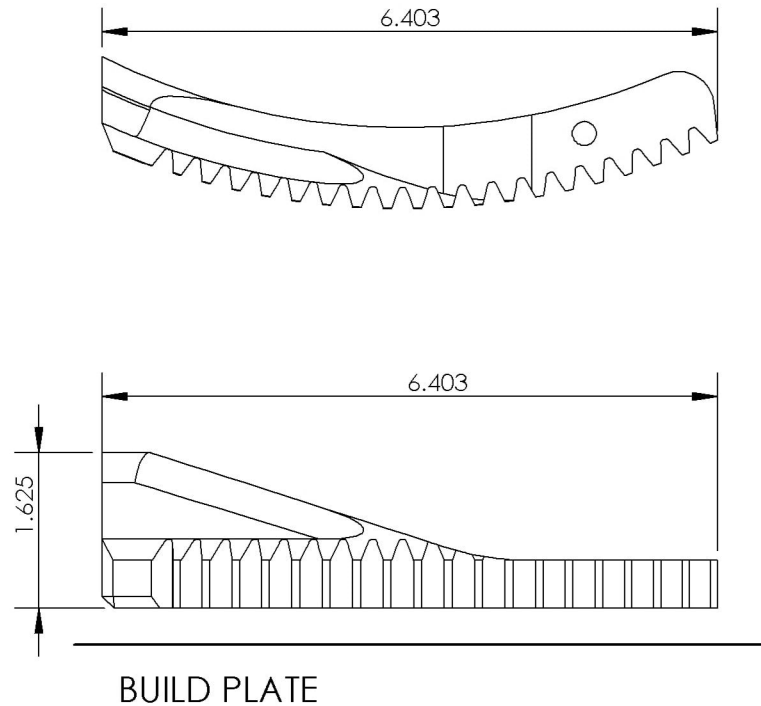
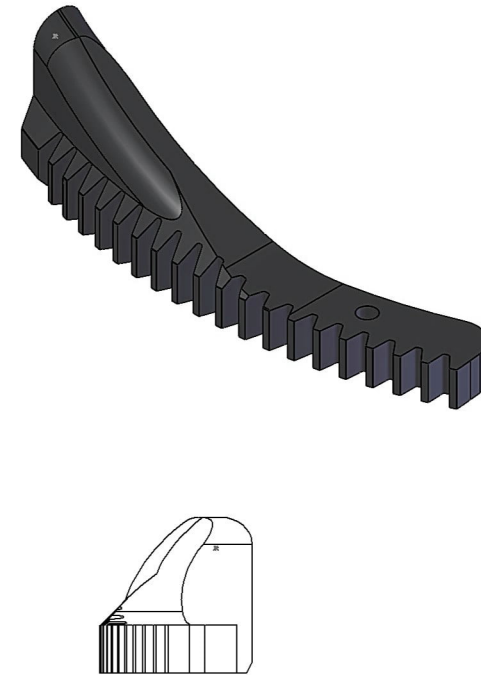
SCALE: 2:3

SHEET 1 OF 1

USE EPA-CF STRONG PROFILE

PROCESS:

3DP



AS SHOWN: 2
OPPOSITE: 2



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.079	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-P110-R1.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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HOOD SECTOR GEAR

DWG. NO.

OPR26-P110-R1

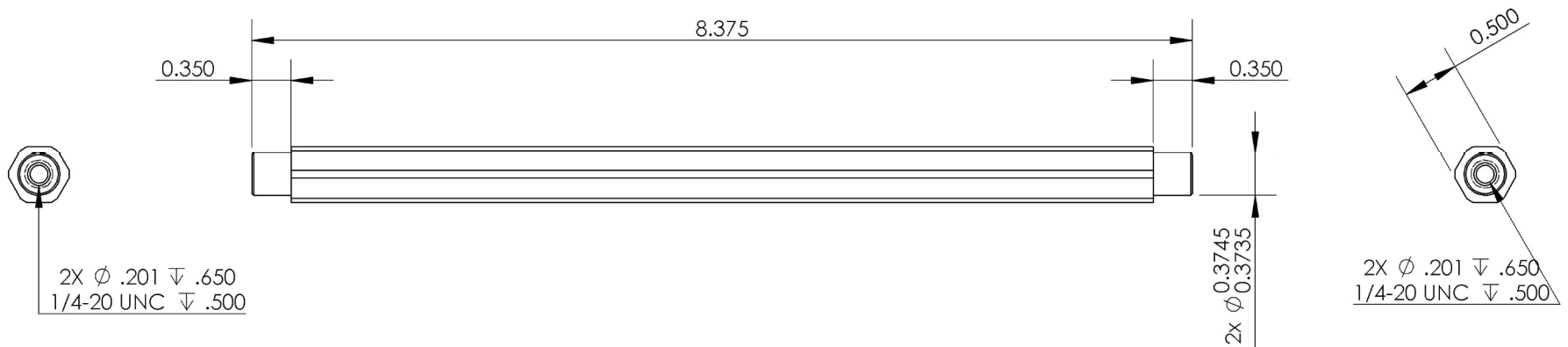
PRINTED ON 2026-10-12

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

LATHE

AS SHOWN: 2
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
7075-T6 0.500" Rounded Hex 8.375" Long		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.155	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-P111-R1.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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HOOD DRIVE SHAFT

DWG. NO.

OPR26-P111-R1

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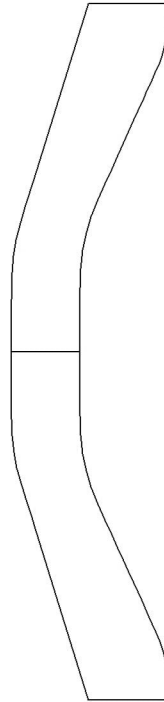
SCALE: 1:1.5

SHEET 1 OF 1

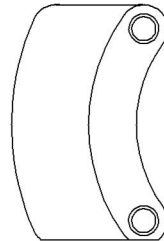
USE EPA-CF STANDARD PROFILE

PROCESS:

3DP



4X 10-32 HEATSET



BUILD PLATE

AS SHOWN: 2
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED	
ESun EPA-CF		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.189	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-P112.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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SHOOTER BRIDGE

DWG. NO.

OPR26-P112

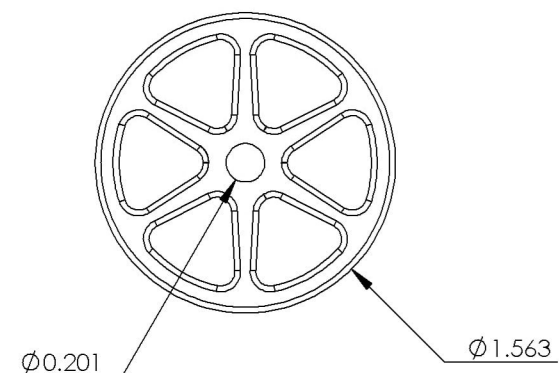
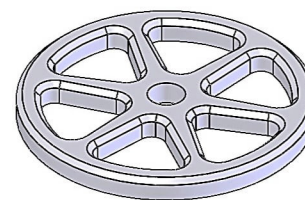
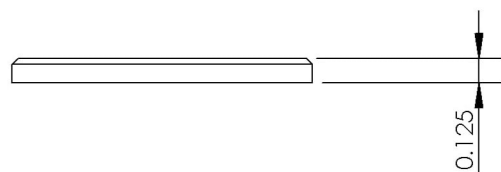
PRINTED ON 2026-10-12

SCALE: 1:2

SHEET 1 OF 1

PROCESS:

CNC



AS SHOWN: 5
OPPOSITE:



Material		UNLESS OTHERWISE SPECIFIED	
0.125 6061-T6 Sheet		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
No Coating, Machine Deburr		TOLERANCES	
Weight	Drawn By	FRACTIONS	$\pm 1/32"$
0.012	BP	2 DECIMAL PLACES	$\pm .010"$
Dimensions per OPR26-P113.sldprt or .step		3 DECIMAL PLACES	$\pm .003"$
		FLAT PATTERNS	$\pm .005"$
		ANGULAR DEGREES	$\pm 0.5^\circ$
		BENDS	$\pm 0.010"$

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FANCY WASHER

DWG. NO.

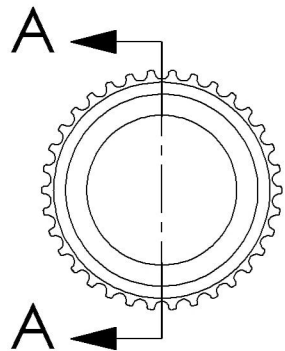
OPR26-P113

PRINTED ON 2026-10-12

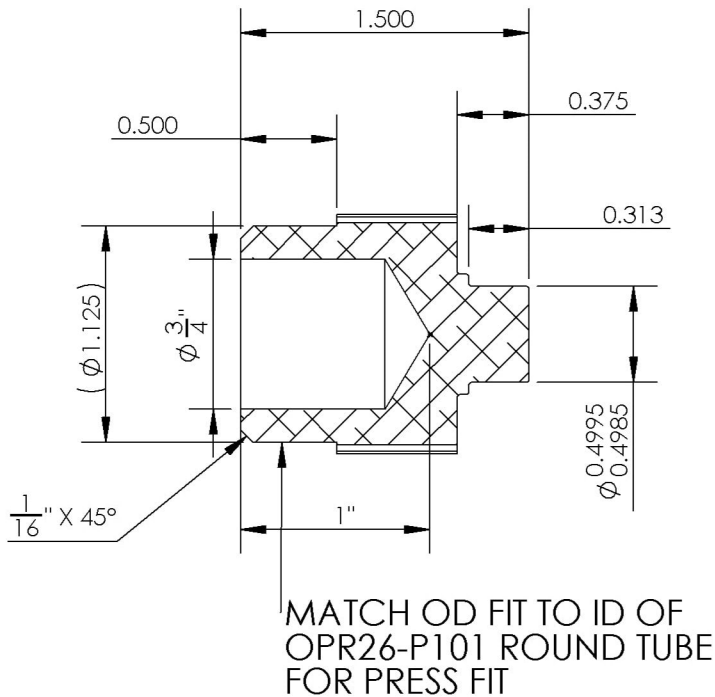
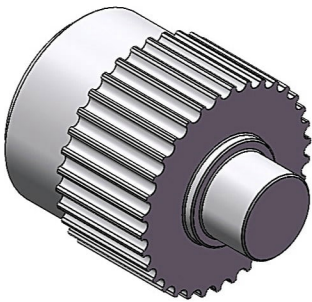
SCALE: 1:1

SHEET 1 OF 1

	PART NUMBER	DESCRIPTION	QTY.	ManPartNum	Supplier	PROCESS:	LATHE (TY's DAD)
1	A 6A52M034GT18	GT2 (3mm) Pitch, 34 Teeth, 175mm Usable Length, Aluminum alloy Pulley Stock	1	A 6A52M034GT18	SDP-SI		



SECTION A-A



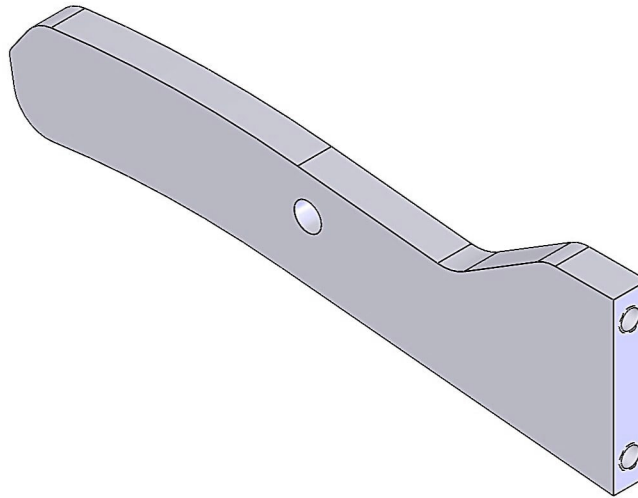
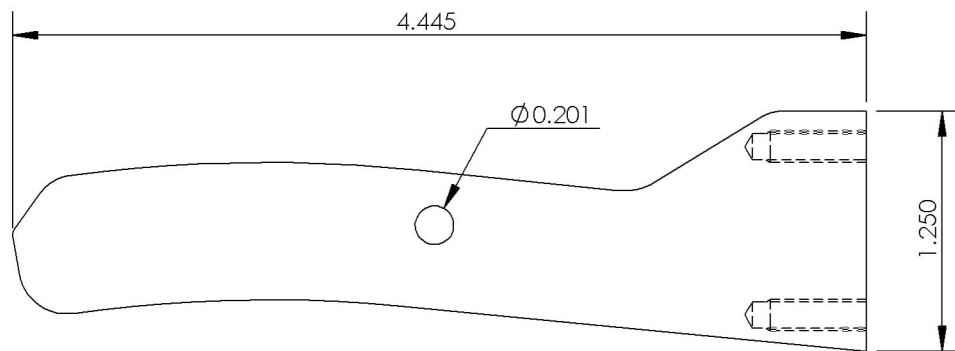
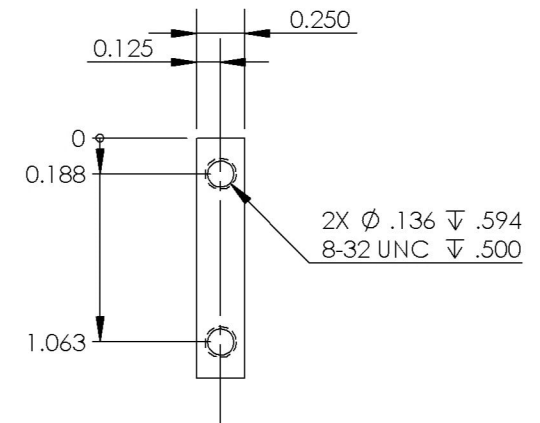
AS SHOWN: 6
OPPOSITE: 0



Material		UNLESS OTHERWISE SPECIFIED		<div>OP Robotics</div> <div>www.2056.ca</div>		
MODIFIED PURCHASE		PRIMARY UNITS	INCHES			
Finish		NO BURRS OR SHARP EDGES		Shooter Wheel Drive Plug		
NO FINISH		TOLERANCES				
Weight	Drawn By	FRACTIONS		DWG. NO. OPR26-P114		
0.086	TH	2 DECIMAL PLACES ±1/32"				
Dimensions per OPR26-P114.sldprt or .step		3 DECIMAL PLACES ±.010"				
		FLAT PATTERNS ±.003"				
		ANGULAR DEGREES ±.005"				
		BENDS ±0.5°		PRINTED ON 2026-10-12 SCALE: 1:1 SHEET 1 OF 1		
		±0.010"				

PROCESS:

CNC

AS SHOWN: 4
OPPOSITE:

Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.084	BP	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-P116.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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FIXED SHOOTER SKIS

DWG. NO.

OPR26-P116

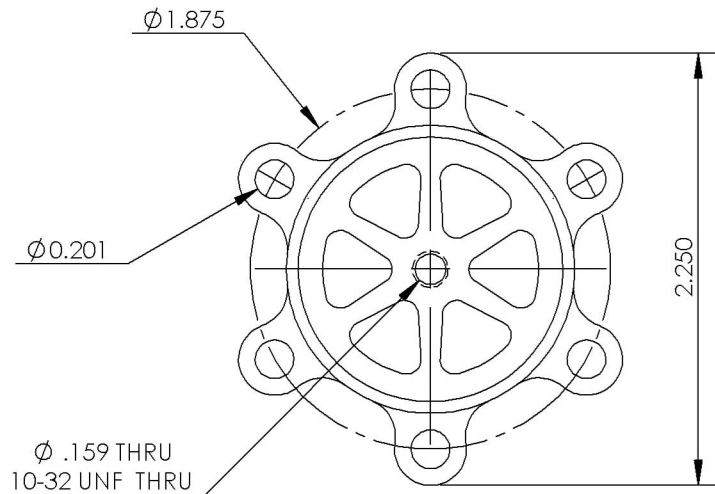
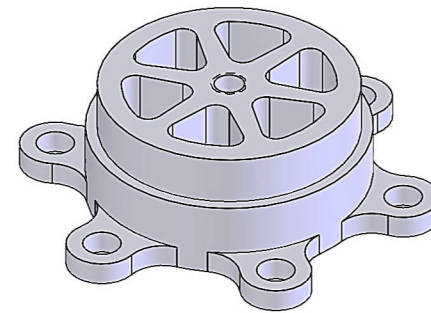
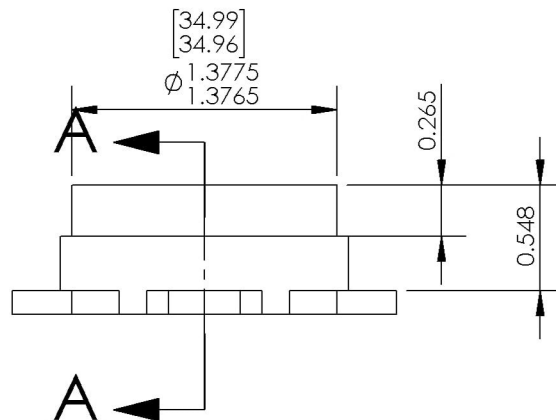
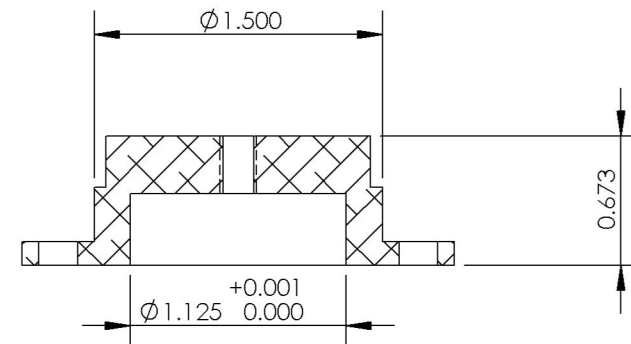
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SCALE: 1:1

SHEET 1 OF 1

PROCESS:

Fabricated



SECTION A-A

AS SHOWN: 6
OPPOSITE: 0

Material		UNLESS OTHERWISE SPECIFIED	
6061-T6		PRIMARY UNITS	INCHES
Finish		NO BURRS OR SHARP EDGES	
NO FINISH		TOLERANCES	
Weight	Drawn By	FRACTIONS	±1/32"
0.062	TH	2 DECIMAL PLACES	±.010"
Dimensions per OPR26-P144-R1.sldprt or .step		3 DECIMAL PLACES	±.003"
		FLAT PATTERNS	±.005"
		ANGULAR DEGREES	±0.5°
		BENDS	±0.010"

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BEARING HOUSING

DWG. NO.

OPR26-P144-R1

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SCALE: 1:1

SHEET 1 OF 1