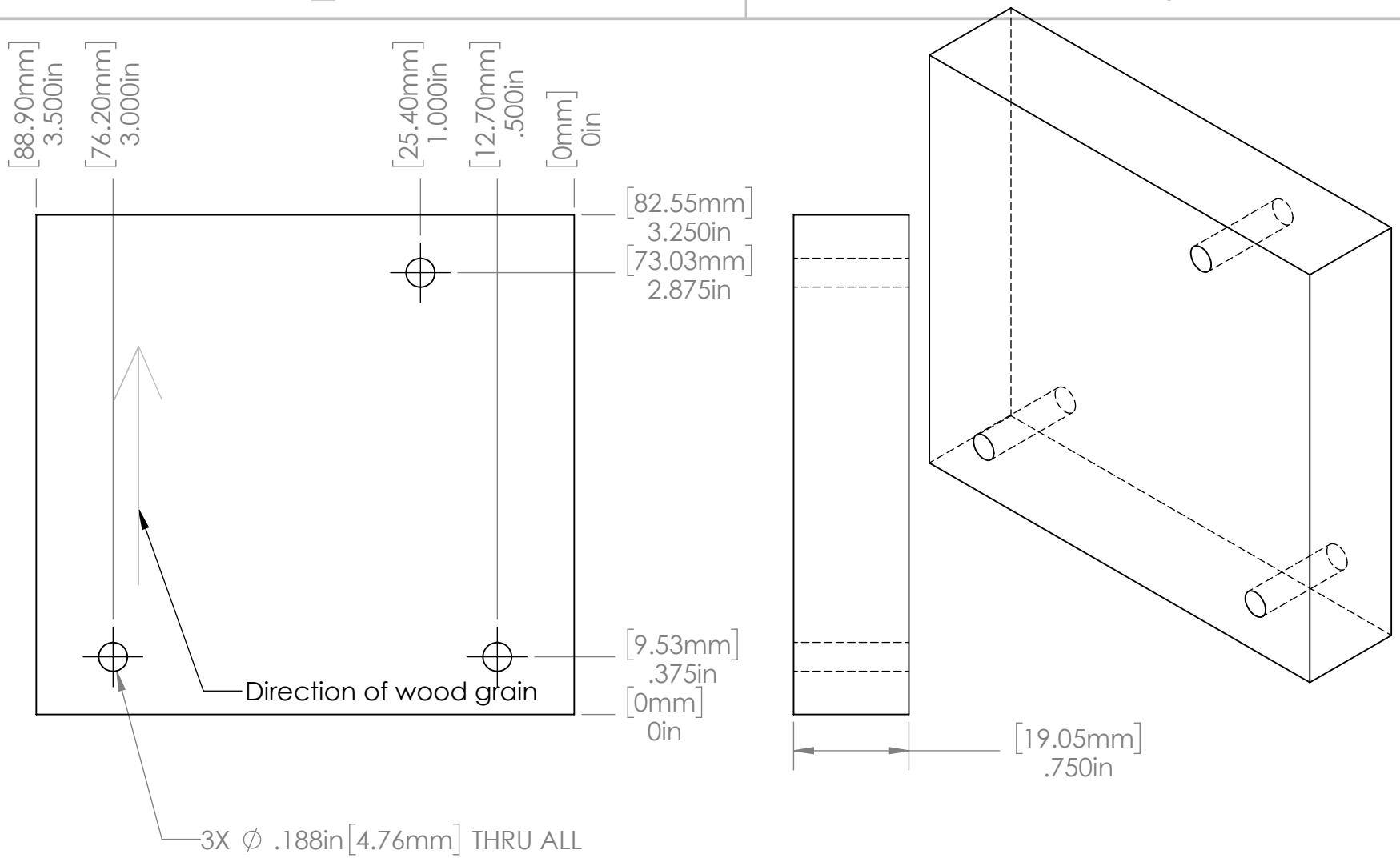


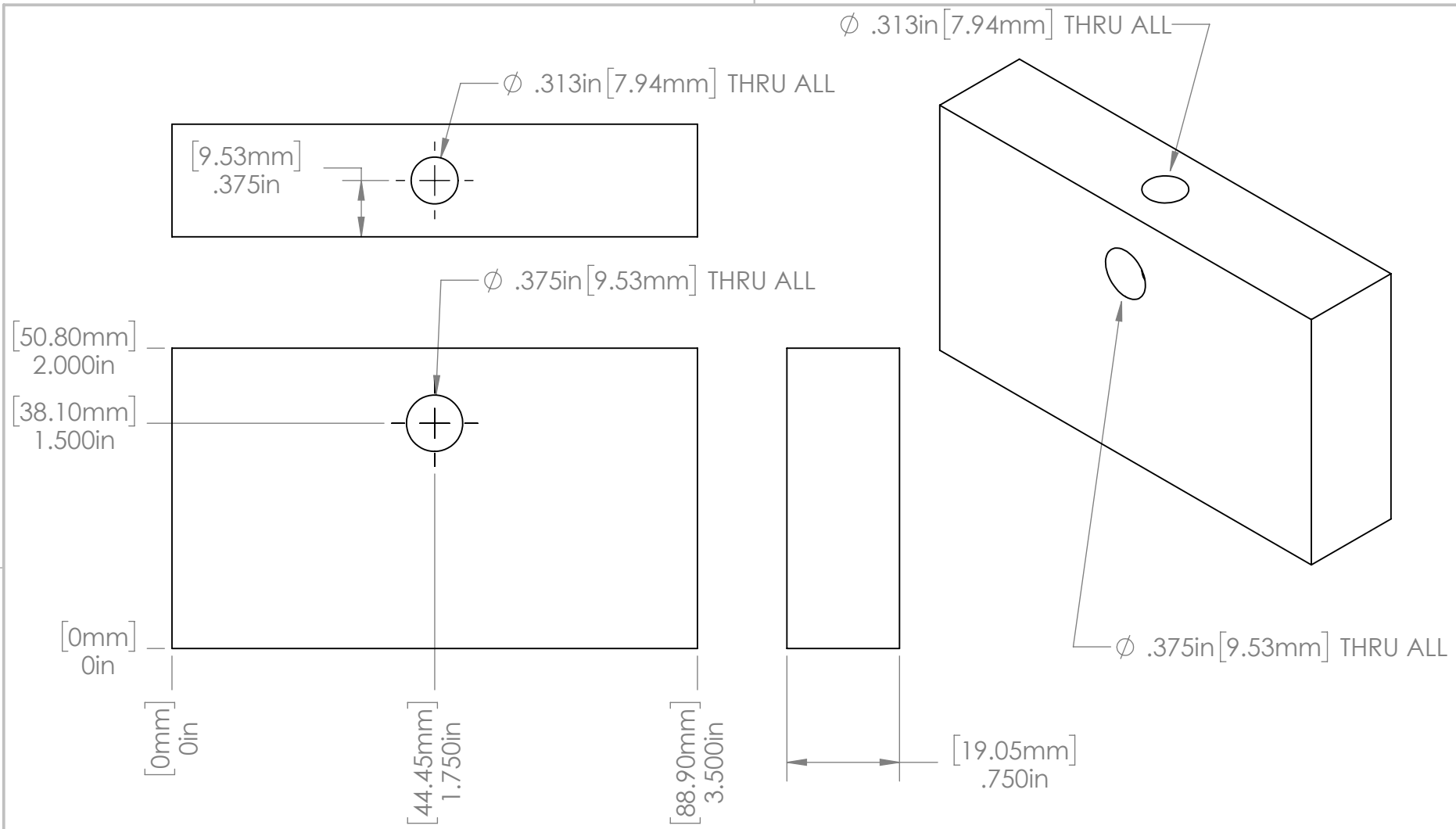
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN		
			CHECKED		
			ENG APPR.		
			MFG APPR.		
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		
		MATERIAL Material <not specified>	COMMENTS:		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

OPEN SOURCE HARDWARE LICENSE LGPL

TITLE:

Hinge Plate
2 Required
3/4" x 3-1/2" Pine

SIZE	DWG. NO.	REV
A	reprap_belt_stretch_test_sta	
SCALE: 1:1	WEIGHT: 2.397	SHEET 1 OF 11

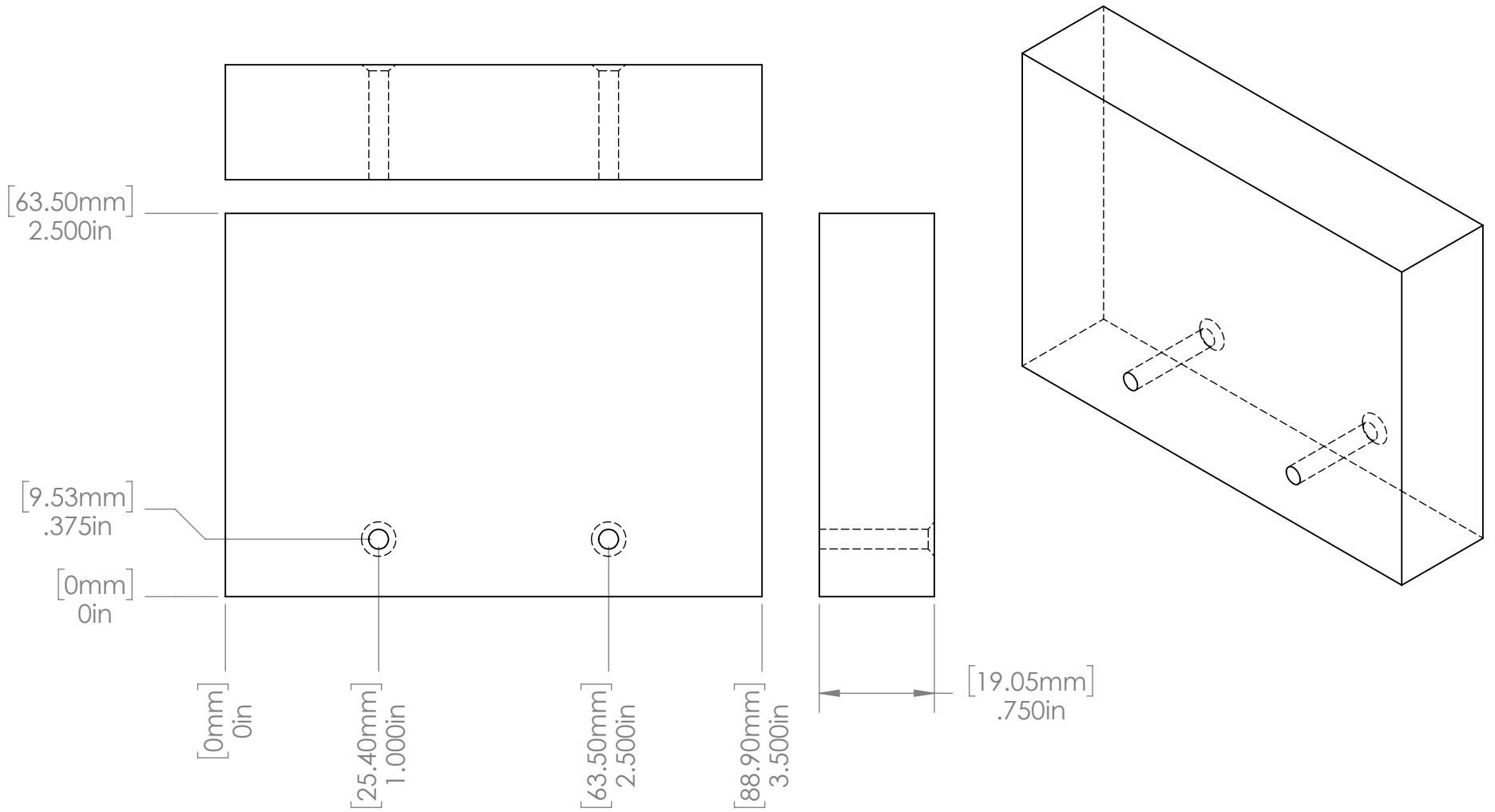


		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN		
			CHECKED		
			ENG APPR.		
			MFG APPR.		
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		
		MATERIAL Material <not specified>	COMMENTS:		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

OPEN SOURCE HARDWARE LICENSE LGPL

TITLE:
Indicator Holder Block
1 Required
3/4" x 3-1/2" Pine

SIZE	DWG. NO.	REV
A	reprap_belt_stretch_test_sta	
SCALE: 1:1	WEIGHT: 1.426	SHEET 2 OF 11

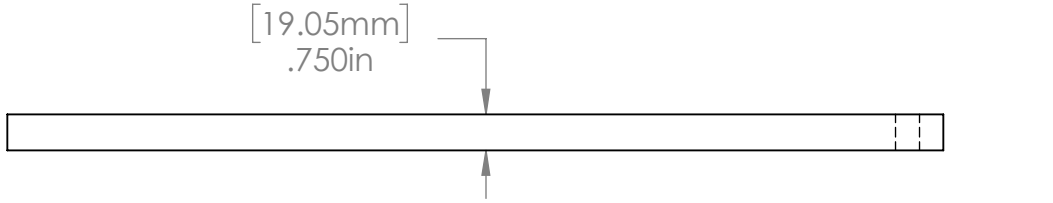


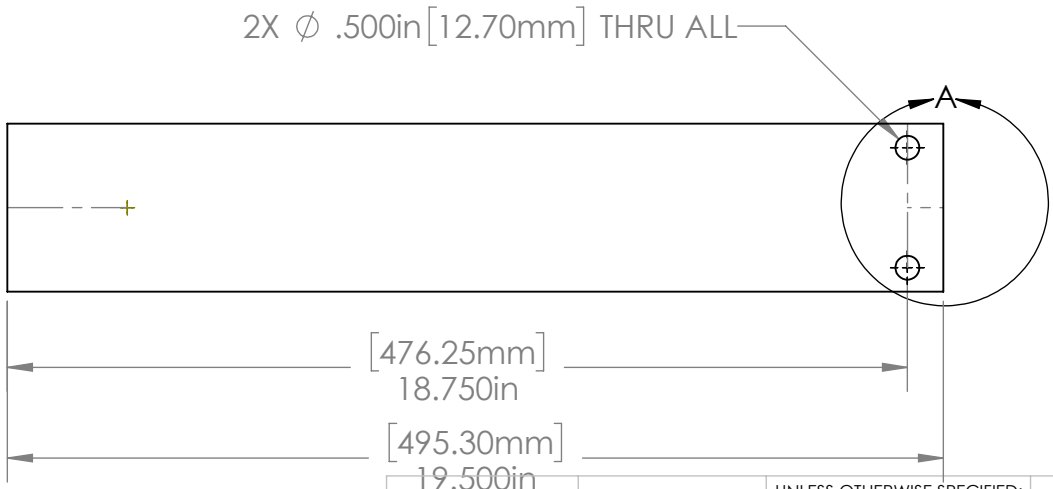
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN		
			CHECKED		
			ENG APPR.		
			MFG APPR.		
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		
		MATERIAL Material <not specified>	COMMENTS:		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

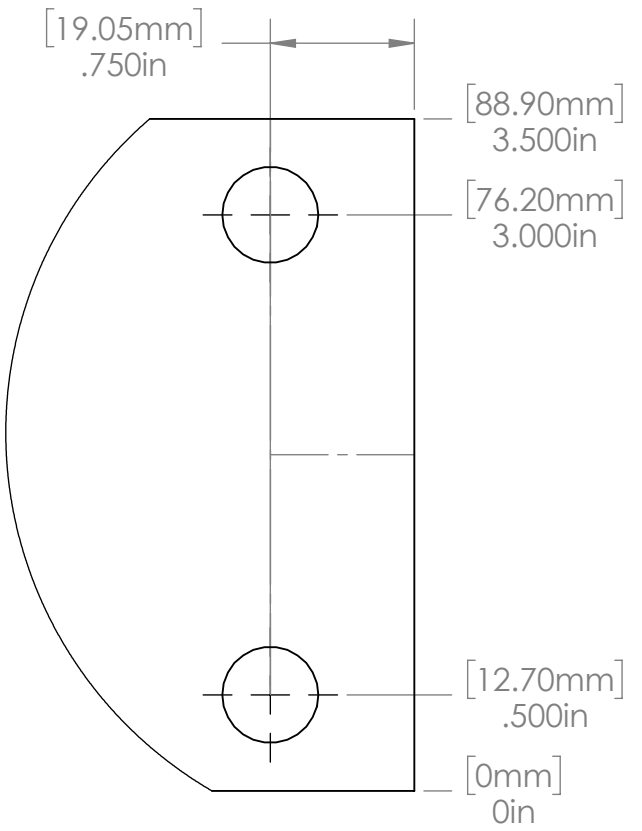
OPEN SOURCE HARDWARE LICENSE LGPL

TITLE:
Frame Top Block
1 Required
3/4" x 3-1/2" Pine

SIZE	DWG. NO.	REV
A	reprap_belt_stretch_test_sta	
SCALE: 1:1	WEIGHT: 1.851	SHEET 3 OF 11







DETAIL A
SCALE 1 : 1

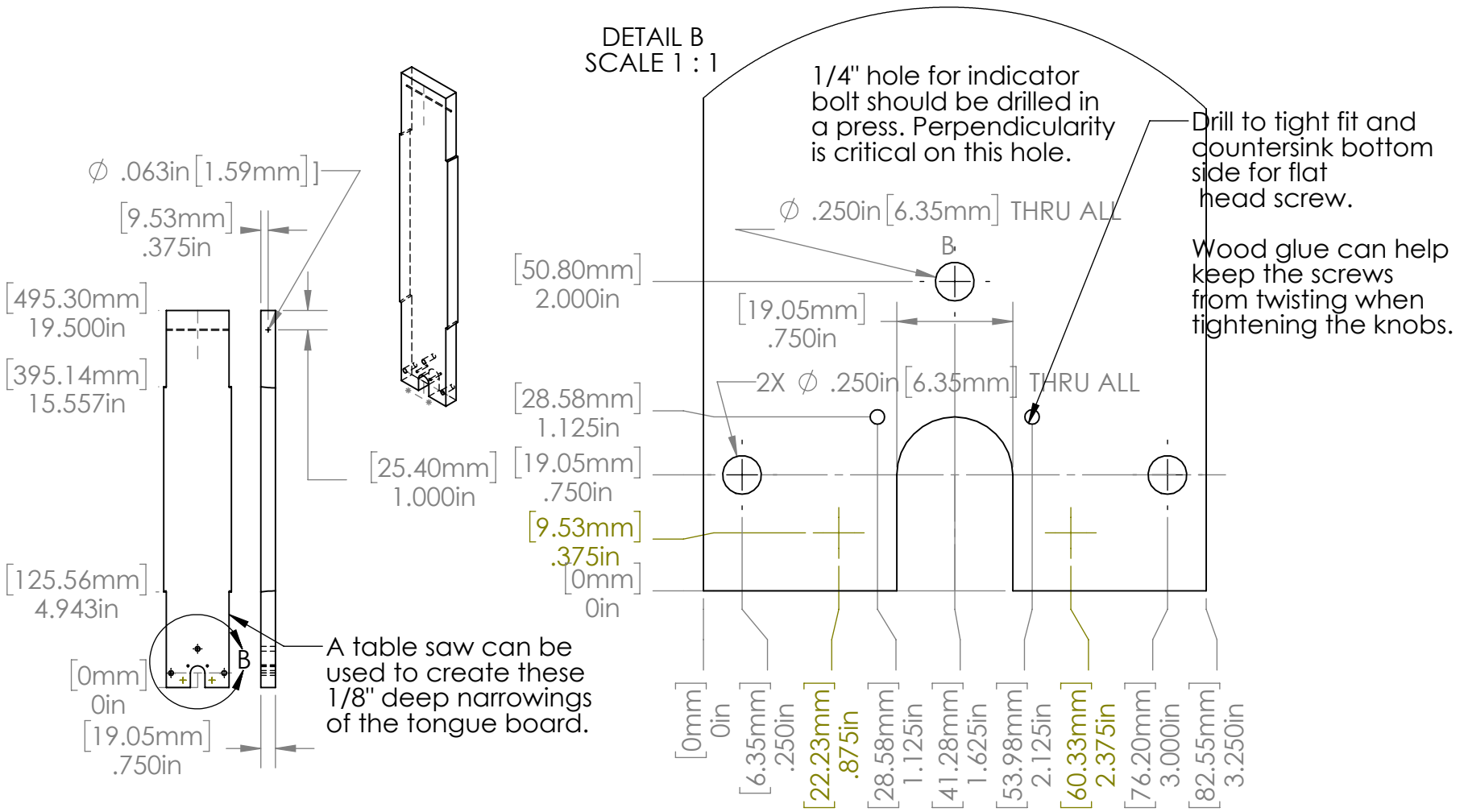
UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN		
	CHECKED		
	ENG APPR.		
	MFG APPR.		
INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		
MATERIAL Material <not specified>	COMMENTS:		
FINISH			
NEXT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

OPEN SOURCE HARDWARE
LICENSE LGPL

TITLE:

Bottom Tongue Board
1 Required
3/4" x 3-1/2" Pine

SIZE	DWG. NO.	REV
A	reprap_belt_stretch_test_sta	
SCALE: 1:8	WEIGHT: 13.807	SHEET 4 OF 11

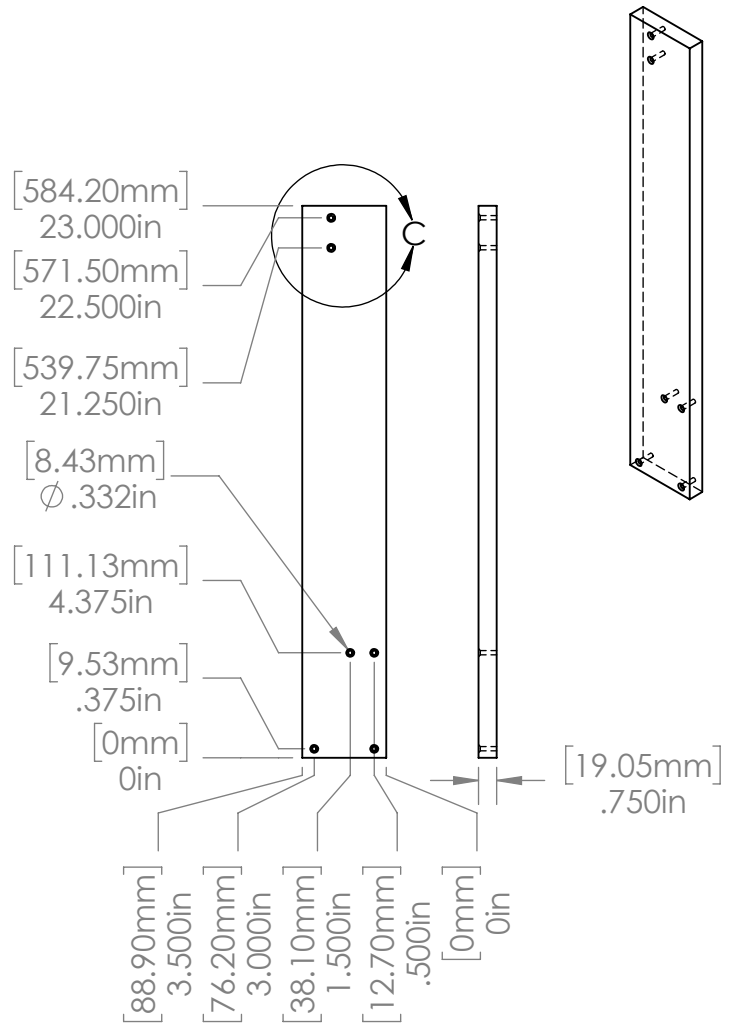


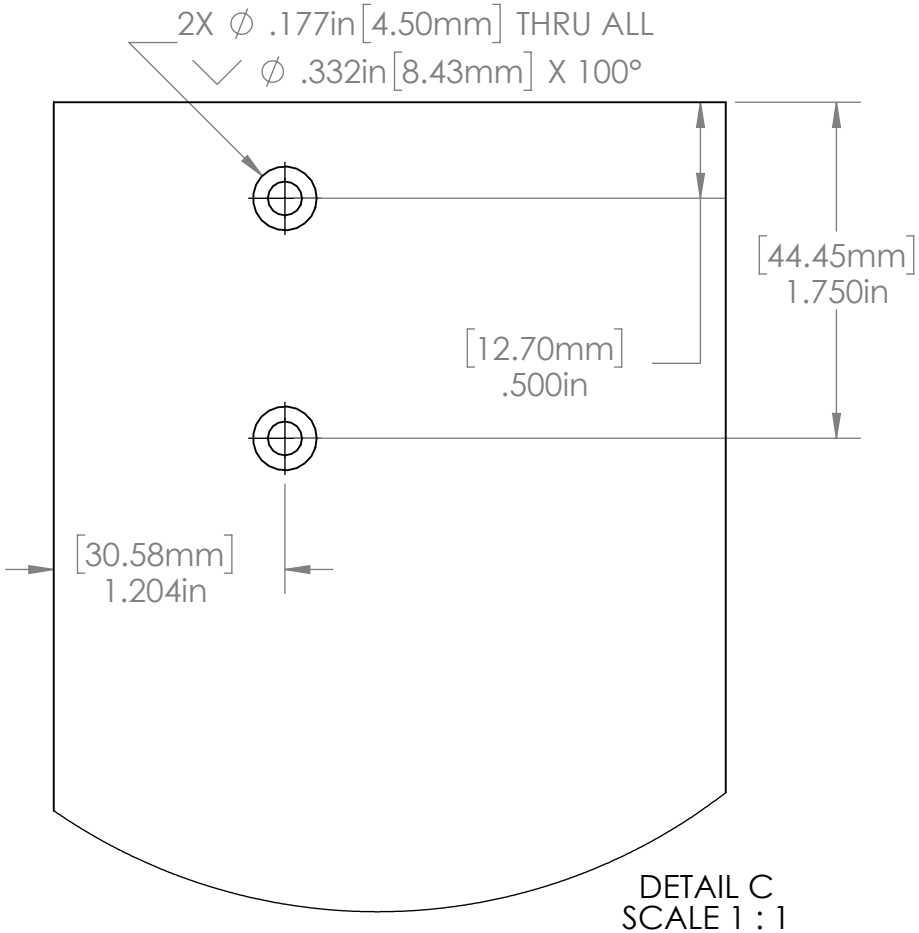
		UNLESS OTHERWISE SPECIFIED:		NAME / DATE
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN	
			CHECKED	
			ENG APPR.	
			MFG APPR.	
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.	
		MATERIAL Material <not specified>	COMMENTS:	
NEXT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

OPEN SOURCE HARDWARE LICENSE LGPL

TITLE:
Top Tongue Board
1 Required
3/4" x 3-1/2" Pine

SIZE	DWG. NO.	REV
A	reprap_belt_stretch_test_sta	
SCALE: 1:8	WEIGHT: 13.807	SHEET 5 OF 11





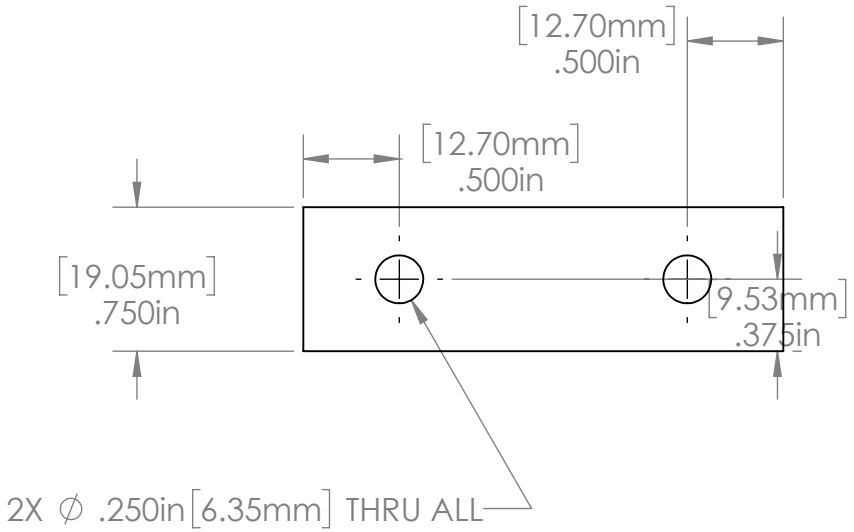
DETAIL C
SCALE 1 : 1

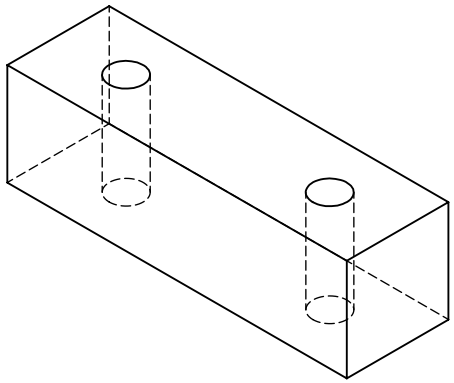
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN		
			CHECKED		
			ENG APPR.		
			MFG APPR.		
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		
		MATERIAL Material <not specified>	COMMENTS:		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

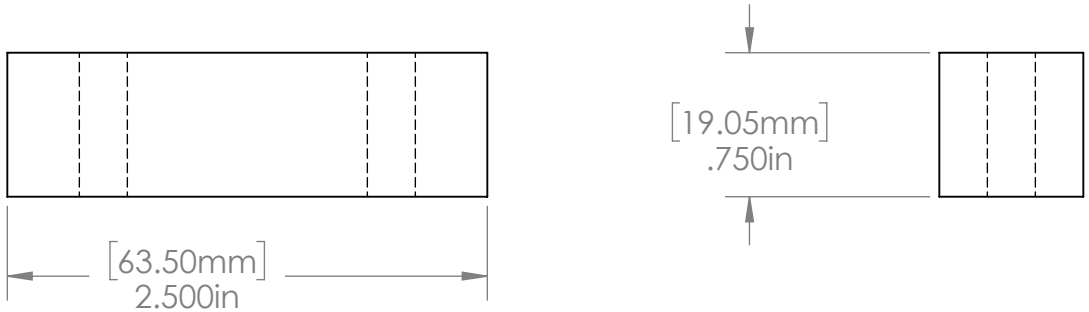
OPEN SOURCE HARDWARE LICENSE LGPL

TITLE:
Upright
2 Required
3/4 x 3-1/2 Pine

SIZE	DWG. NO.	REV
A	reprap_belt_stretch_test_sta	
SCALE: 1:8	WEIGHT: 17.052	SHEET 6 OF 11







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

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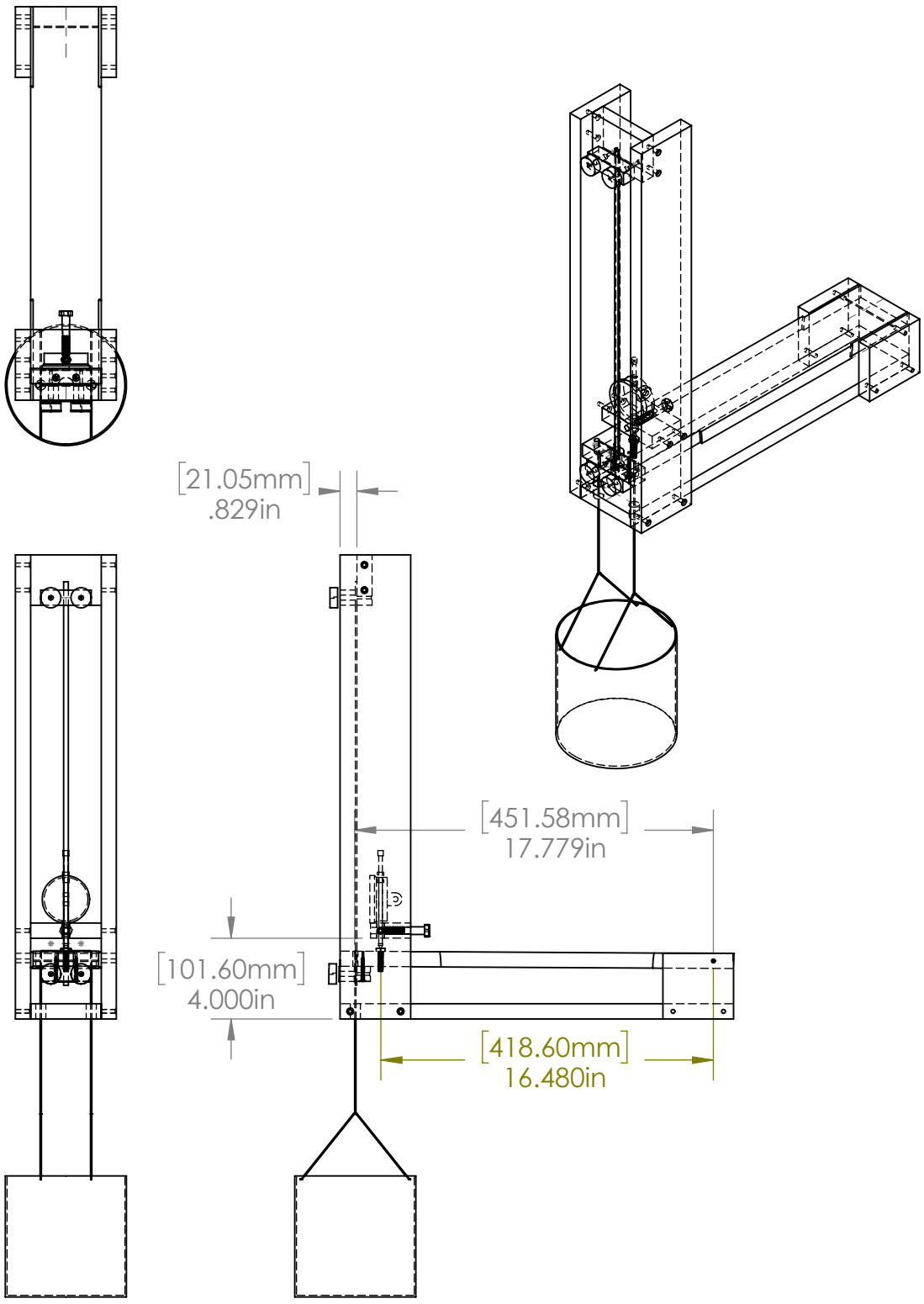
TITLE:

SIZE	DWG. NO.	REV
A	reprap_belt_stretch_test_sta	
SCALE: 2:1	WEIGHT: 0.377	SHEET 7 OF 11



		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		NAME	DATE
			DRAWN		
			CHECKED		
			ENG APPR.		
			MFG APPR.		
			Q.A.		
		MATERIAL Material <not specified>	COMMENTS:		
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

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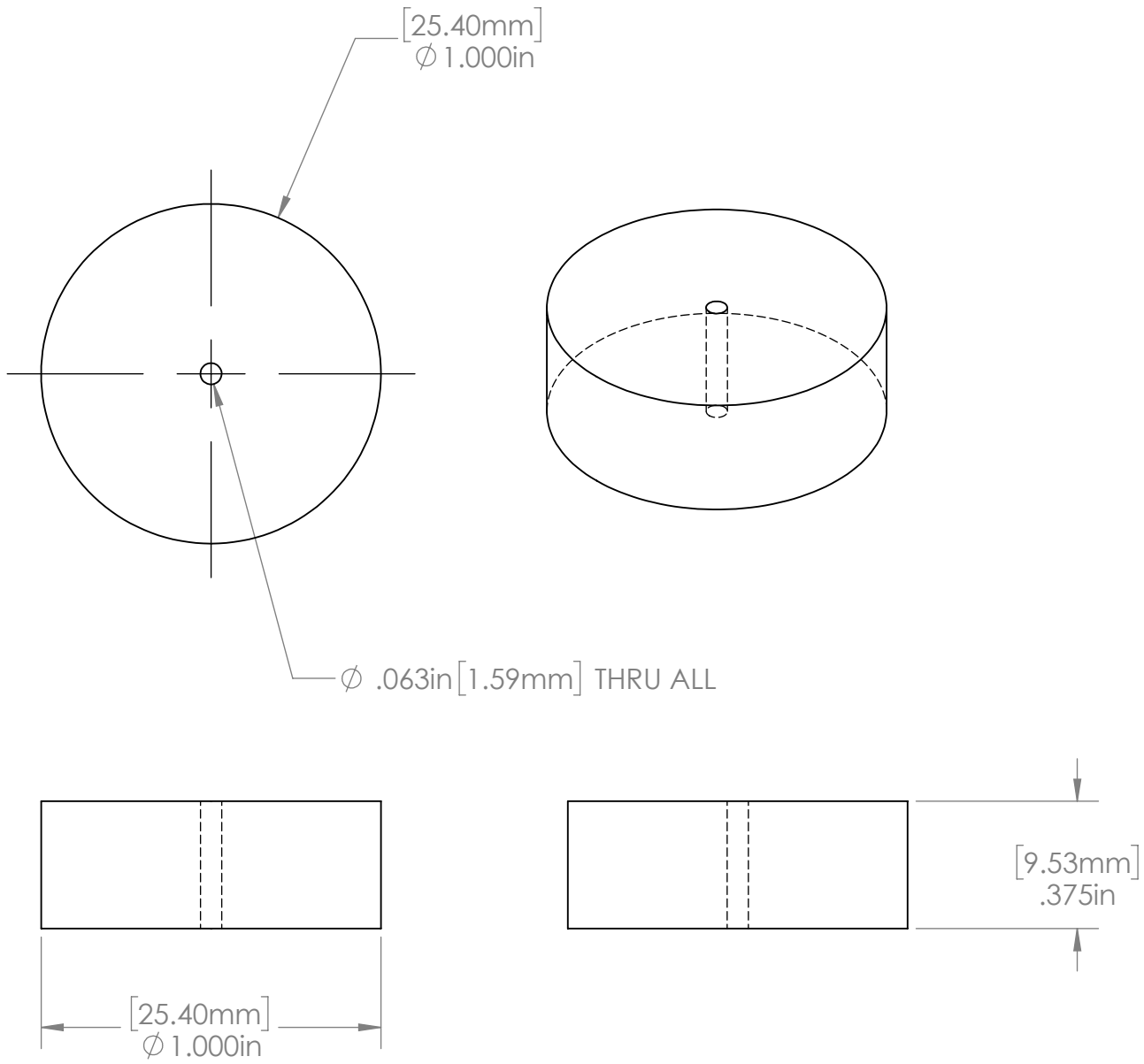
SIZE	DWG. NO.	REV.
A	rearap_belt_stretch_test_stand	
SCALE:1:12	WEIGHT: 73.320	SHEET 8 OF 11

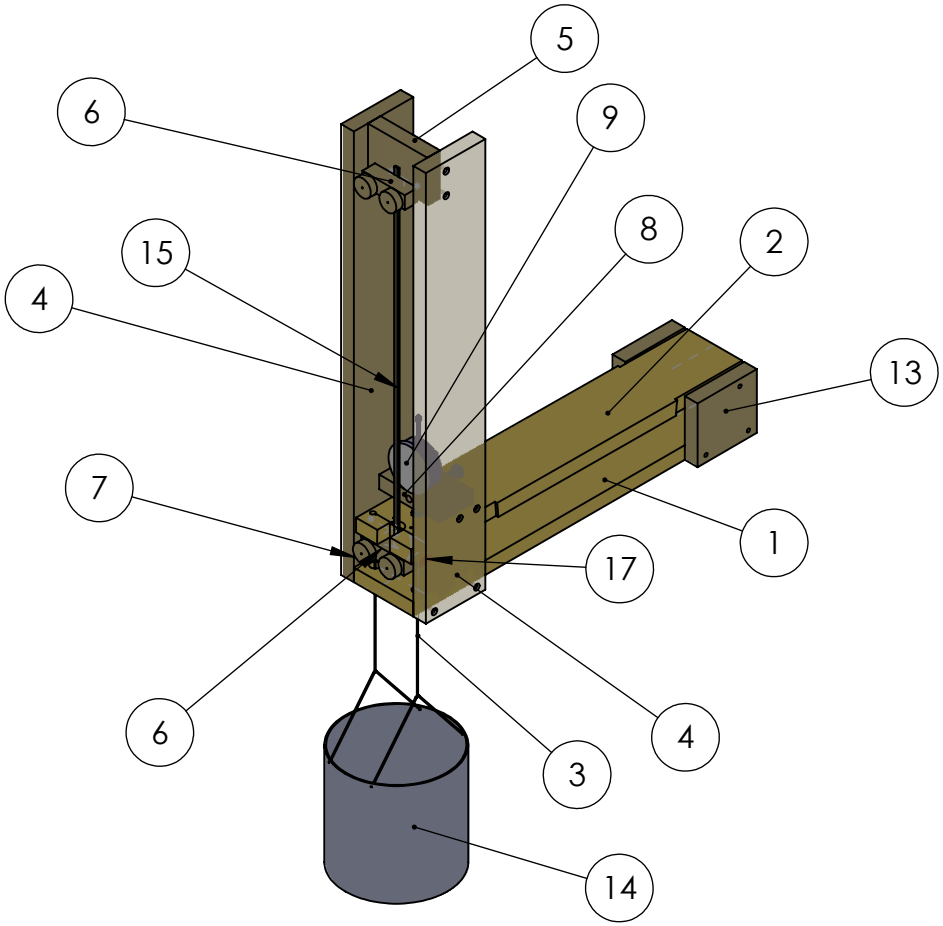


		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		NAME	DATE
			DRAWN		
			CHECKED		
			ENG APPR.		
			MFG APPR.		
			Q.A.		
		MATERIAL Material <not specified>	COMMENTS:		
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

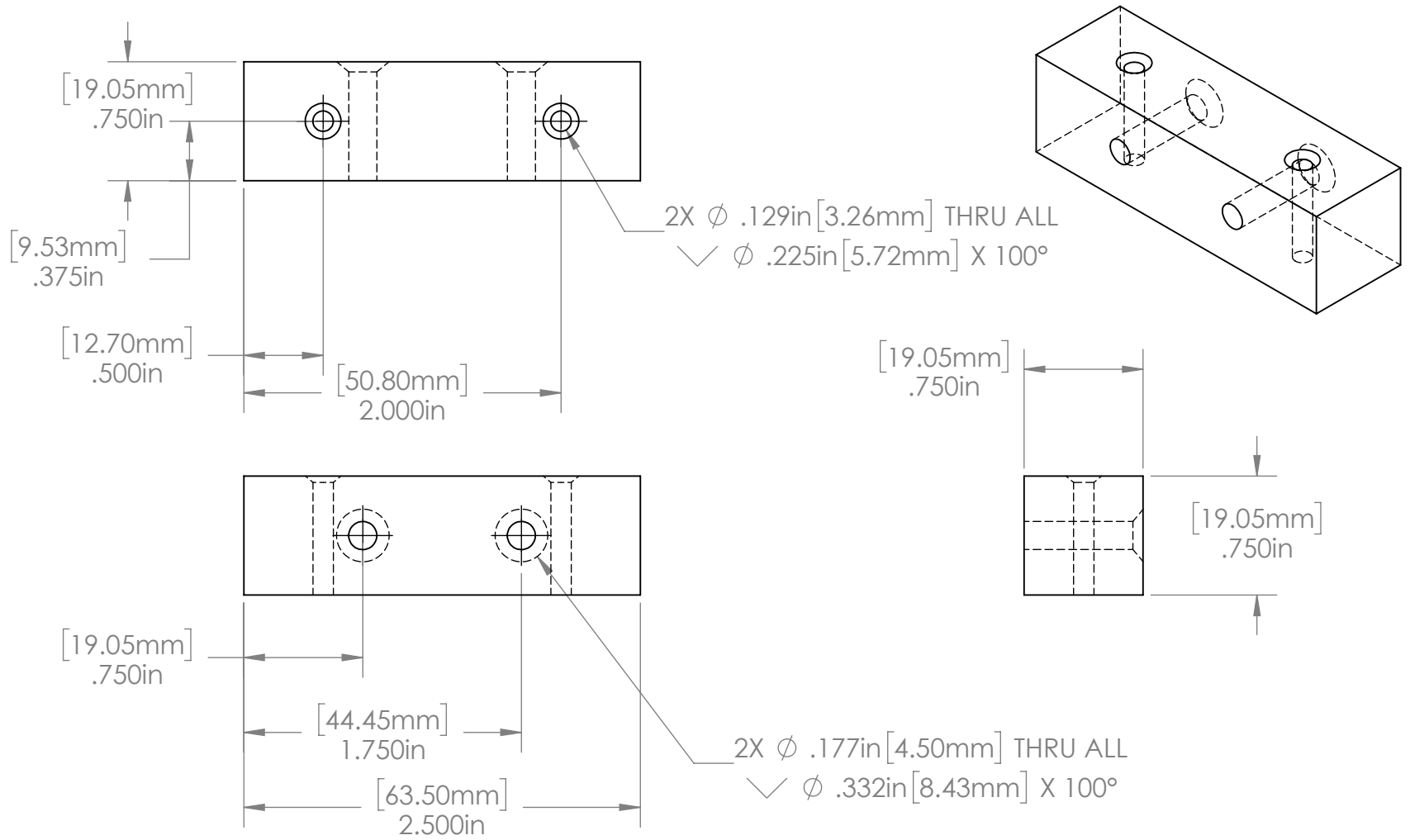
OPEN SOURCE HARDWARE LICENSE LGPL

Knob
4 Required
Plywood

SIZE	DWG. NO.	REV.
A	reprap_belt_stretch_test_stand	
SCALE:2:1	WEIGHT: 0.083	SHEET 9 OF 11



ITEM NO.	PART NUMBER	QTY.
1	upper pivoting tongue	1
2	lower_tongue (fixed)	1
3	string	1
4	upright	2
5	frame_top_block	1
6	belt_clamp_block	2
7	knob	4
8	indicator_mount	1
9	Dial_indicator_body-Harbor_Freight_Item623	1
10	Dial_indicator_body-Harbor_Freight_Item623	1
11	91247A632	1
12	92865A542	1
13	hinge_plate	2
14	weight_hopper	1
15	belt	1
16	99136A200	2
17	belt_clamp_block_lower	1



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

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TITLE:

SIZE	DWG. NO.	REV
A	reprap_belt_stretch_test_stand	

SCALE: 1:1	WEIGHT: 0.381	SHEET 11 OF 1