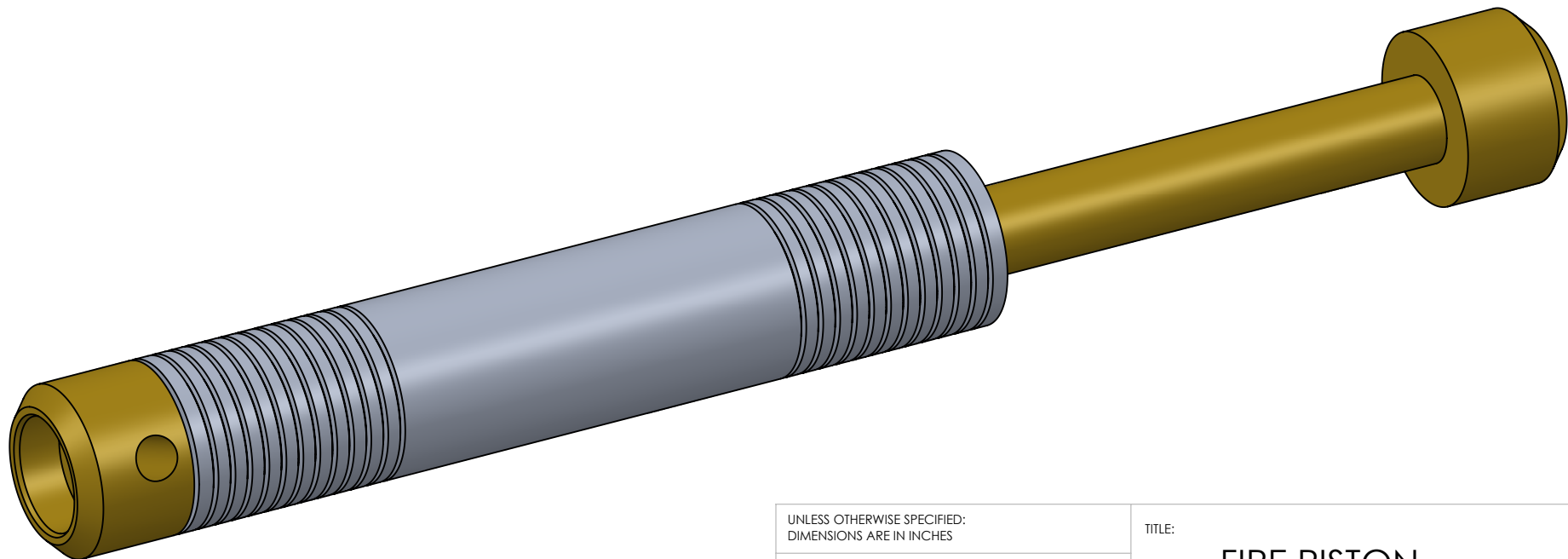
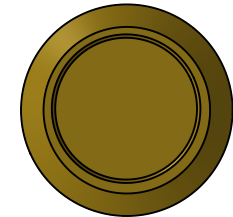


Make:



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE SPECIFIED, TOLERANCES:
LINEAR: DIMENSIONS UNDER 5/8 INCH ± 0.008
DIMENSIONS 5/8 INCH AND OVER ± 0.08
ANGULAR: $\pm 0.5^\circ$

REMOVE ALL BURRS AND SHARP EDGES
0.02 RADIUS OR CHAMFER MAX

MATERIAL: BRASS, ALUMINUM, RUBBER

WEIGHT: 0.30 LB

TITLE:

FIRE PISTON



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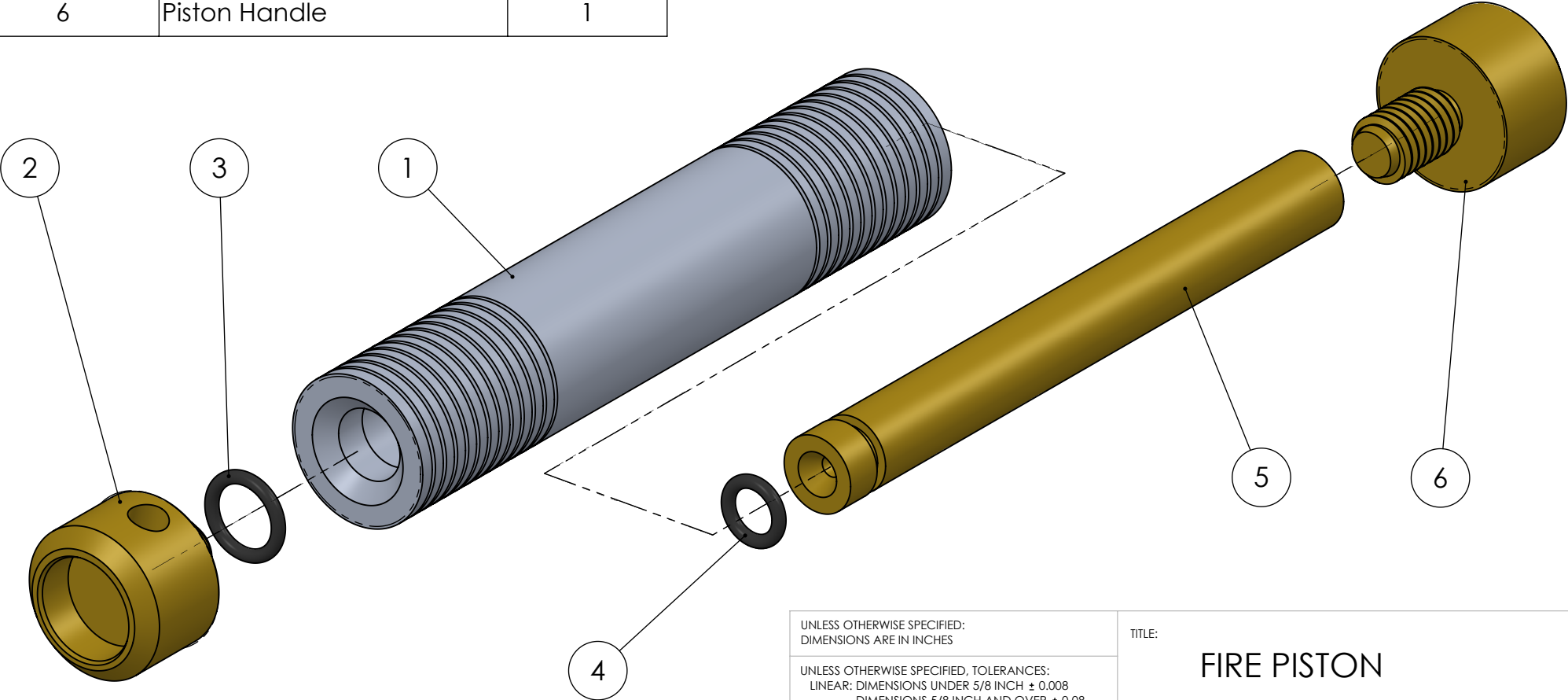
A4

SCALE: 1.5:1

SHEET 1 OF 8

1	2	3
ITEM NO.	PART NUMBER	QTY.
1	Cylinder	1
2	End Cap	1
3	End Cap O Ring	1
4	Piston O Ring	1
5	Piston	1
6	Piston Handle	1

Make:



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE SPECIFIED, TOLERANCES:
LINEAR: DIMENSIONS UNDER 5/8 INCH ± 0.008
DIMENSIONS 5/8 INCH AND OVER ± 0.08
ANGULAR: $\pm 0.5^\circ$

REMOVE ALL BURRS AND SHARP EDGES
0.02 RADIUS OR CHAMFER MAX

MATERIAL: BRASS, ALUMINUM, RUBBER

WEIGHT: 0.30 LB

TITLE:
FIRE PISTON



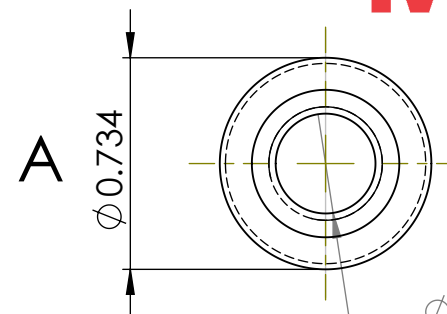
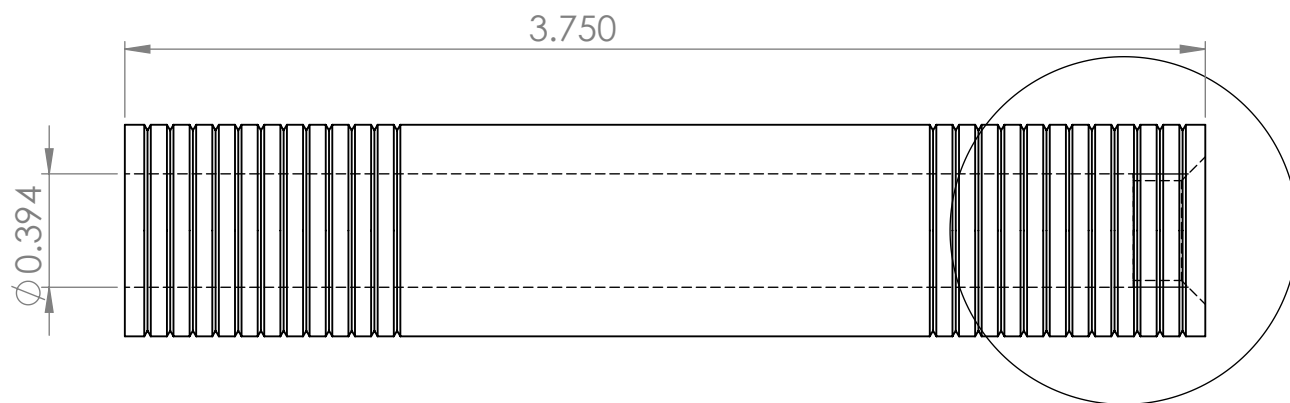
CLICKSPRINGPROJECTS.COM

A4

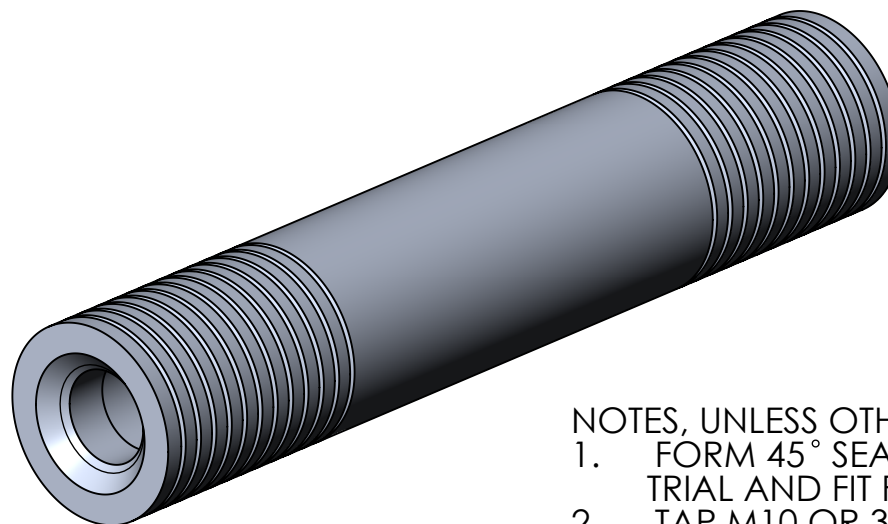
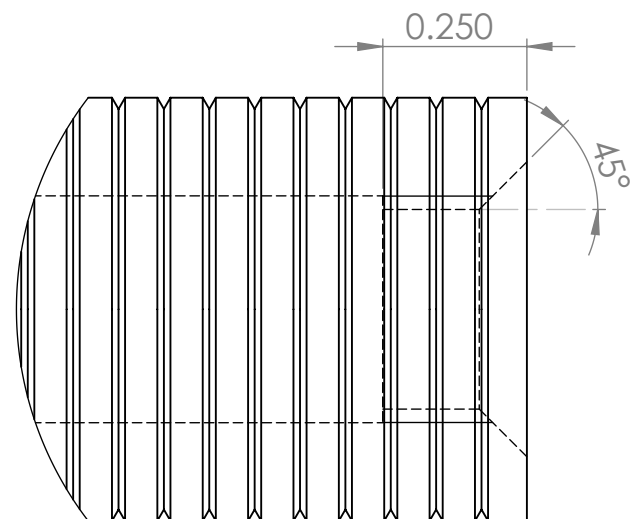
SCALE: 1.5:1

SHEET 2 OF 8

Make:



$\phi 0.346 \nabla 0.250$
M10x1.25 - 6H $\nabla 0.250$



- NOTES, UNLESS OTHERWISE SPECIFIED:
1. FORM 45° SEAL CHAMFER SLOWLY, USE TRIAL AND FIT FOR BEST RESULTS
 2. TAP M10 OR 3/8" AS APPROPRIATE.
 3. CYLINDER BORE 10MM OR 25/64 INCH AS APPROPRIATE.

DETAIL A
SCALE 3 : 1

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE SPECIFIED, TOLERANCES:
LINEAR: DIMENSIONS UNDER 5/8 INCH ± 0.008
DIMENSIONS 5/8 INCH AND OVER ± 0.08
ANGULAR: $\pm 0.5^\circ$

REMOVE ALL BURRS AND SHARP EDGES
0.02 RADIUS OR CHAMFER MAX

MATERIAL: 6061 ALLOY

WEIGHT: 0.11 LB

TITLE:

CYLINDER

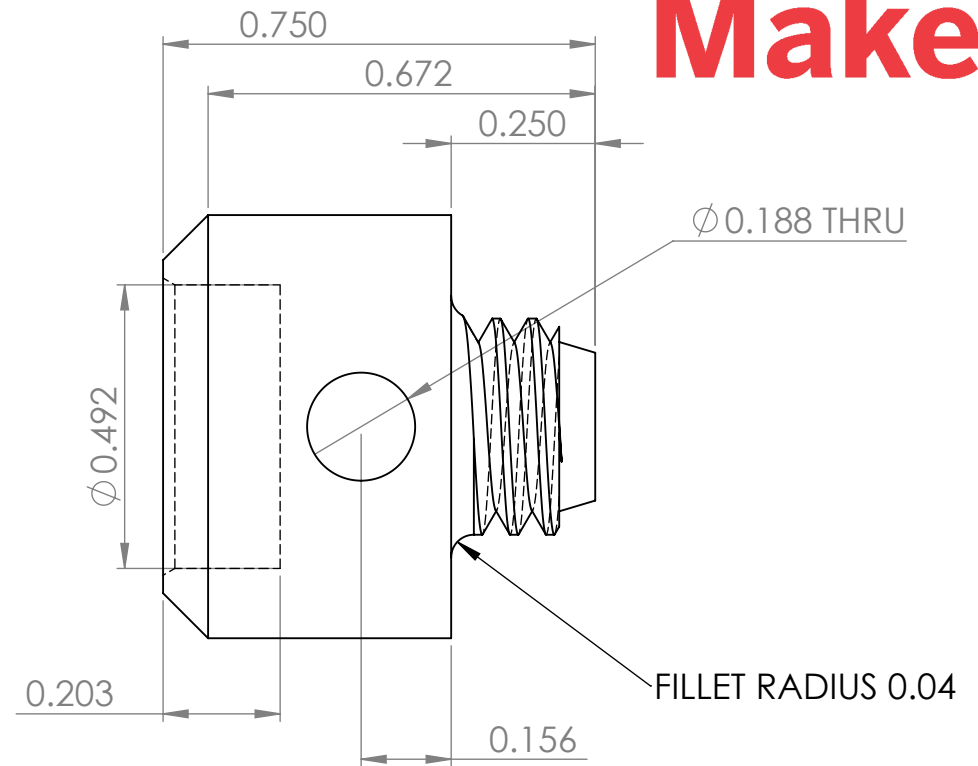
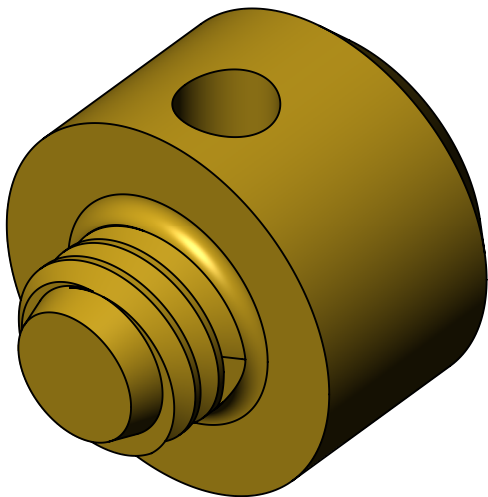
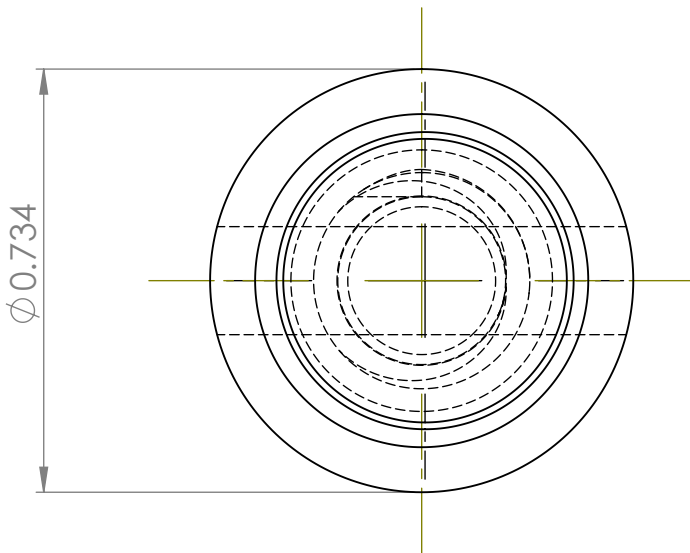


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A4

SCALE: 1.5:1

SHEET 3 OF 8



Make:

- NOTES, UNLESS OTHERWISE SPECIFIED:
1. THREAD M10 OR 3/8" AS APPROPRIATE.
 2. BORE RECESS TO MATCH COMPASS INSERT DIMENSIONS.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE SPECIFIED, TOLERANCES:
LINEAR: DIMENSIONS UNDER 5/8 INCH ± 0.008
DIMENSIONS 5/8 INCH AND OVER ± 0.08
ANGULAR: $\pm 0.5^\circ$

REMOVE ALL BURRS AND SHARP EDGES
0.02 RADIUS OR CHAMFER MAX

MATERIAL: BRASS

WEIGHT: 0.05 LB

TITLE:

END CAP



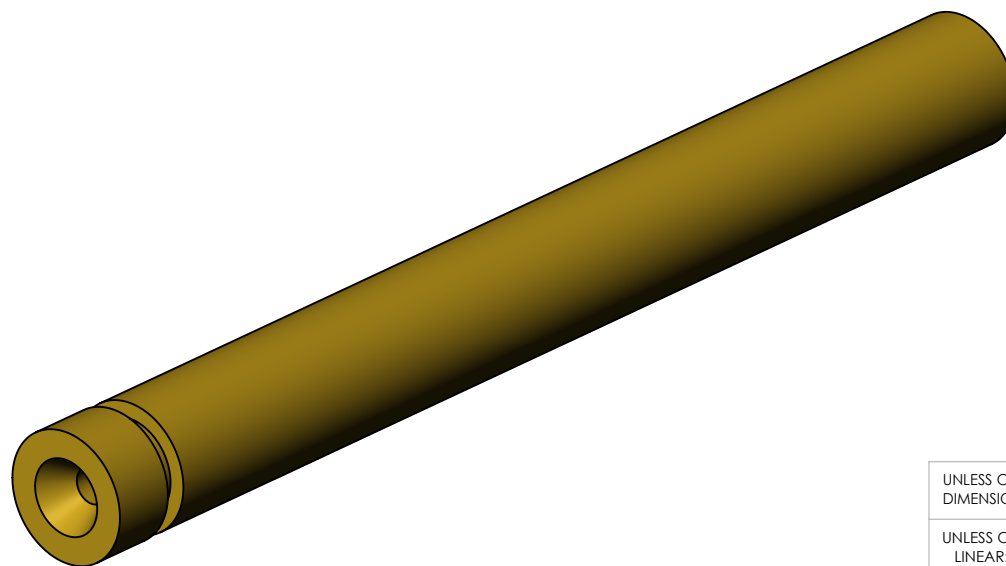
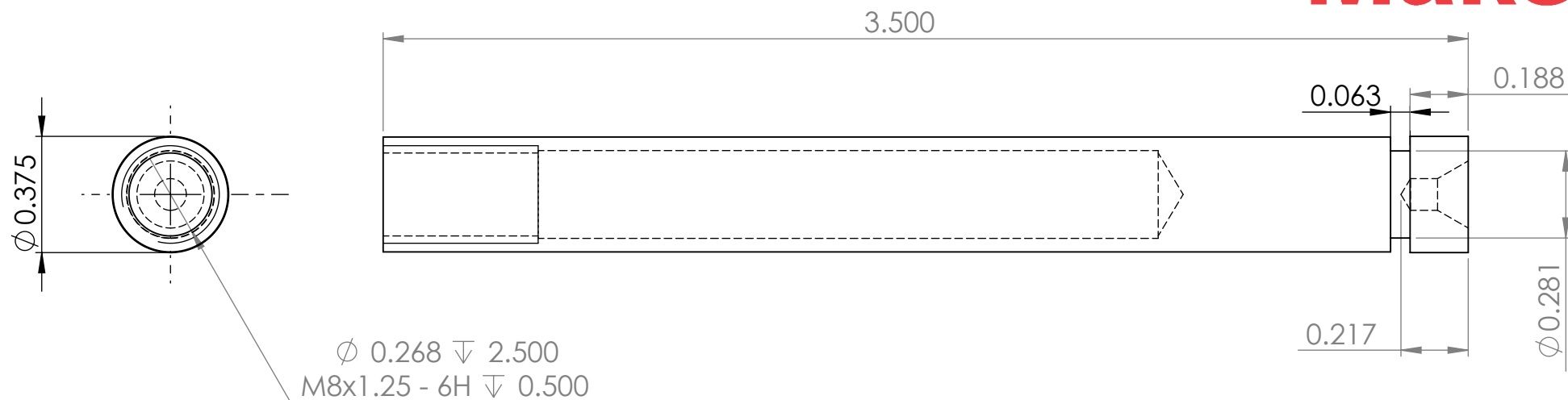
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A4

SCALE: 3:1

SHEET 4 OF 8

Make:



- NOTES, UNLESS OTHERWISE SPECIFIED:
1. END HOLE FORMED WITH BS3 CENTER DRILL
 2. TAP M8 OR 5/16" AS APPROPRIATE.
 3. O RING GROOVE DIMENSIONS NOMINAL. TRIAL AND FIT REQUIRED TO ACCOMODATE ACTUAL SOURCED O RINGS. RECOMMEND TEST FITTING BEFORE PROCEEDING TO DETERMINE ACTUAL DIMENSION - REFER VIDEO.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE SPECIFIED, TOLERANCES:
LINEAR: DIMENSIONS UNDER 5/8 INCH $\pm$ 0.008
DIMENSIONS 5/8 INCH AND OVER $\pm$ 0.08
ANGULAR: $\pm$ 0.5°

REMOVE ALL BURRS AND SHARP EDGES
0.02 RADIUS OR CHAMFER MAX

MATERIAL: BRASS

WEIGHT: 0.07 LB

TITLE:

PISTON

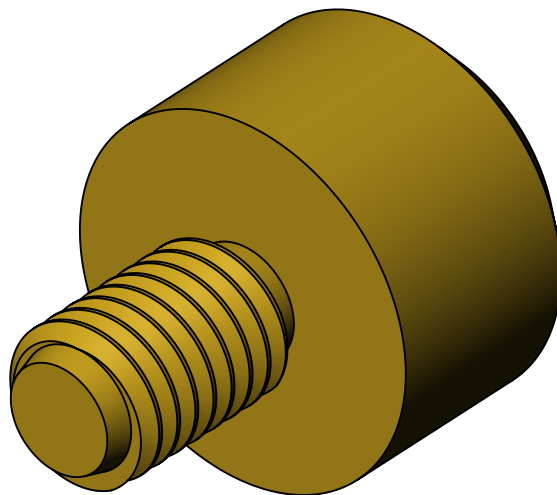
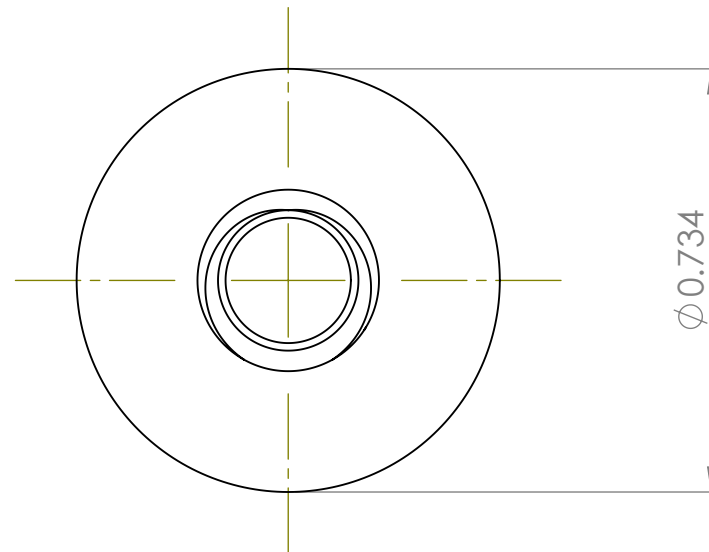
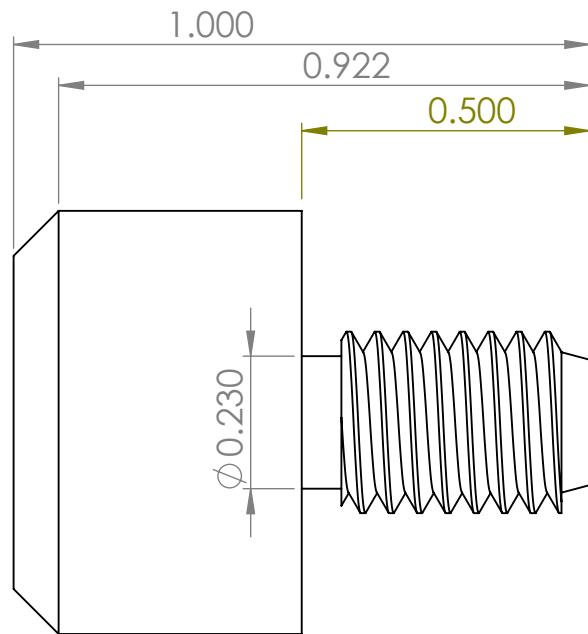


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A4

SCALE: 2:1

SHEET 5 OF 8



Make:

NOTES, UNLESS OTHERWISE SPECIFIED:
1. THREAD M8 OR 5/16" AS APPROPRIATE.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE SPECIFIED, TOLERANCES:
LINEAR: DIMENSIONS UNDER 5/8 INCH ± 0.008
DIMENSIONS 5/8 INCH AND OVER ± 0.08
ANGULAR: $\pm 0.5^\circ$

REMOVE ALL BURRS AND SHARP EDGES
0.02 RADIUS OR CHAMFER MAX

MATERIAL: BRASS

WEIGHT: 0.07 LB

TITLE:

PISTON HANDLE



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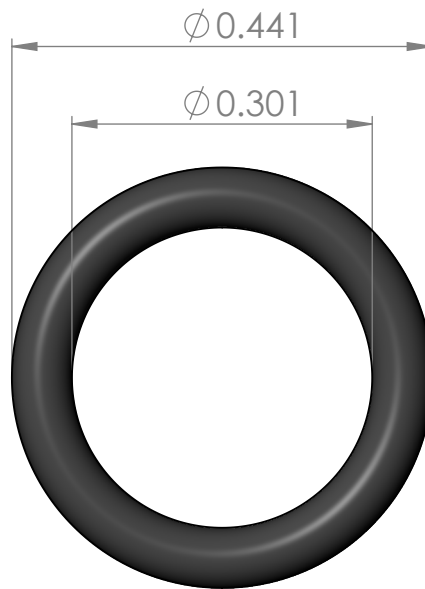
A4

SCALE: 3:1

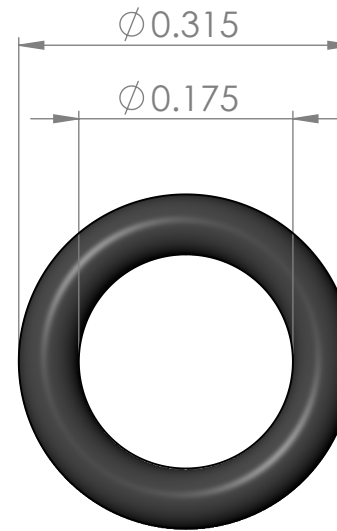
SHEET 6 OF 8

Make:

END CAP O RING



PISTON O RING



NOTES, UNLESS OTHERWISE SPECIFIED:

1. AFTER FITTING TO THE END CAP, THE OUTER DIAMETER OF THE END CAP O RING EXPANDS TO APPROXIMATELY 12.3mm
2. AFTER FITTING TO THE PISTON, THE OUTER DIAMETER OF THE PISTON O RING EXPANDS TO APPROXIMATELY 10.2mm

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE SPECIFIED, TOLERANCES:
LINEAR: DIMENSIONS UNDER 5/8 INCH ± 0.008
DIMENSIONS 5/8 INCH AND OVER ± 0.08
ANGULAR: $\pm 0.5^\circ$

REMOVE ALL BURRS AND SHARP EDGES
0.02 RADIUS OR CHAMFER MAX

MATERIAL: RUBBER

WEIGHT: 0.00 LB

TITLE:

O RINGS

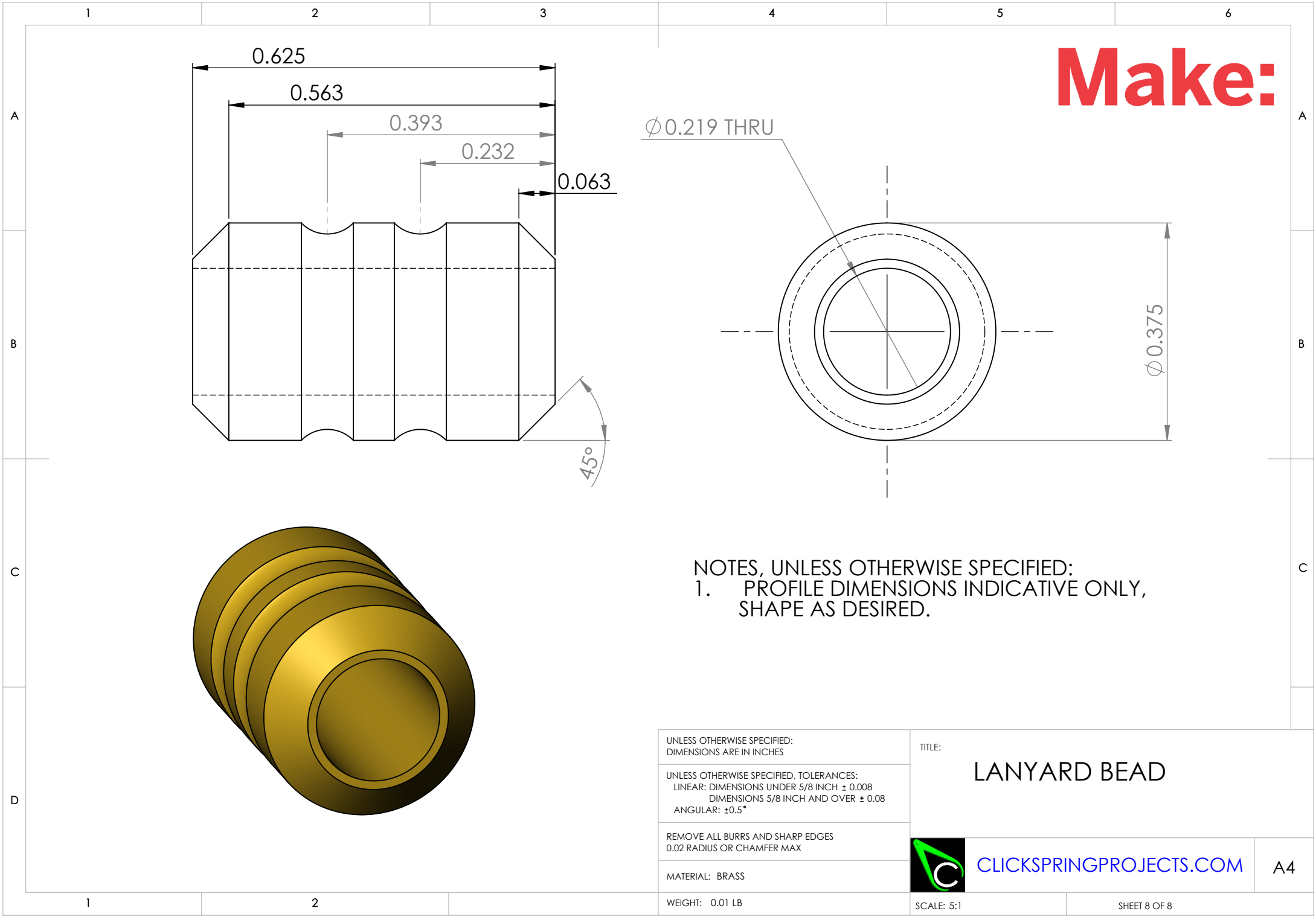


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A4

SCALE: 2:1

SHEET 7 OF 8



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR: DIMENSIONS UNDER 5/8 INCH ± 0.008 DIMENSIONS 5/8 INCH AND OVER ± 0.08 ANGULAR: ±0.5°
REMOVE ALL BURRS AND SHARP EDGES 0.02 RADIUS OR CHAMFER MAX
MATERIAL: BRASS
WEIGHT: 0.01 LB

TITLE:			LANYARD BEAD		
			CLICKSPRINGPROJECTS.COM		A4
SCALE: 5:1		SHEET 8 OF 8			