MATERIAL:
A4 BRASS, ALUMINUM, RUBBER

SCALE:
1:5:1

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: ±5°

REMOVE ALL BURRS AND SHARP EDGES
0.02 RADIUS OR CHAMFER MAX

WEIGHT:
0.30 LB

TITLE:
FIRE PISTON

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<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cylinder</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>End Cap</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>End Cap O Ring</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Piston O Ring</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>Piston</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>Piston Handle</td>
<td>1</td>
</tr>
</tbody>
</table>

**Material:** A4 Brass, Aluminum, Rubber

**Weight:** 0.30 lb

**Removing burrs and sharp edges:**
- 0.02 radius or chamfer max

**Dimensions and tolerances:**
- Linear: dimensions under 5/8 inch ± 0.008
- Linear: dimensions 5/8 inch and over ± 0.08
- Angular: ±0.5°

**Title:** FIRE PISTON

**Scale:** 1:5:1
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.

MATERIAL: 6061 ALLOY
WEIGHT: 0.11 LB

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

TITLE: END CAP

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: 0.05 LB

SCALE: 3:1

CLICKSPRINGPROJECTS.COM A4
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.

MATERIAL: BRASS

SCALE: 2:1

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: ±0.5°

REMOVE ALL BURRS AND SHARP EDGES
0.02 RADIUS OR CHAMFER MAX

WEIGHT: 0.07 LB

TITLE: PISTON

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A4
NOTES, UNLESS OTHERWISE SPECIFIED:
1. THREAD M8 OR 5/16" AS APPROPRIATE.

MATERIAL: BRASS

WEIGHT: 0.07 LB

SCALE: 3:1

TITLE: PISTON HANDLE
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: ± 0.5°

REMOVE ALL BURRS AND SHARP EDGES
0.02 RADIUS OR CHAMFER MAX

MATERIAL: RUBBER

WEIGHT: 0.00 LB

TITLE: O RINGS

SCALE: 2:1

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A4
NOTES, UNLESS OTHERWISE SPECIFIED:
1. PROFILE DIMENSIONS INDICATIVE ONLY, SHAPE AS DESIRED.

MATERIAL: BRASS
WEIGHT: 0.01 LB

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

SCALE: 5:1
CLICKSPRINGPROJECTS.COM A4

TITLE:
LANYARD BEAD

SHEET 8 OF 8