MATERIAL: A4 BRASS, STEEL, LIGHT ALLOY

SCALE:

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, STEEL, LIGHT ALLOY

WEIGHT: 1.06 LB

TITLE: BENCHTOP GYRO

CLICKSPRINGPROJECTS.COM
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>QTY.</th>
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<tbody>
<tr>
<td>1</td>
<td>Frame</td>
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</tr>
<tr>
<td>2</td>
<td>Upper Bearing</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Lower Bearing</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Axle</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>Wheel</td>
<td>1</td>
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<tr>
<td>6</td>
<td>Extension Rod Long</td>
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</tr>
<tr>
<td>7</td>
<td>Base</td>
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</table>

**Benchtop Gyro**

Material: Brass, Steel, Light Alloy

Weight: 1.06 lb

Remove all burrs and sharp edges.

Linear: Dimensions under 5/8 inch ± 0.008
Angular: ±0.5°

Unless otherwise specified, tolerances:

Dimensions 5/8 inch and over ± 0.08
BOLT CIRCLE COORDINATES:
CIRCLE DIAMETER = 1.188
HOLE SIZE = 0.5

NUMBER OF HOLES = 6

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<th>X</th>
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<tr>
<td>6</td>
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<td>-0.514</td>
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NUMBER OF HOLES = 4

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<tr>
<td>4</td>
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<td>-0.594</td>
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</tbody>
</table>

NOTES, UNLESS OTHERWISE SPECIFIED:
1. CENTRAL HOLE DRILLED UNDERSIZE (#15) THEN REAMED 3/16"
2. ALL GROOVE TAPERS 20°

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: 0.87 LB

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A4BRASS

0.87 LB

SCALE: 1:1

SHEET 3 OF 9
NOTES, UNLESS OTHERWISE SPECIFIED:

1. MODIFY HOLES FOR M5 OR 10-32 THREAD 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: ±0.5°

REMOVE ALL BURRS AND SHARP EDGES
0.02 RADIUS OR CHAMFER MAX

MATERIAL: 6061 ALLOY

WEIGHT: 0.06 LB
MATERIAL: PLAIN CARBON STEEL
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
TITLE: AXLE
WEIGHT: 0.02 LB
SCALE: 1:1
SHEET 5 OF 9
NOTES, UNLESS OTHERWISE SPECIFIED:
1. MODIFY DIMENSIONS FOR M5 OR 10-32 THREAD AS APPROPRIATE
2. CUP ANGLE IDEALLY 90° FORMED WITH 90° SPOT DRILL
3. 120° CUP ANGLE DESCRIBED IN VIDEO

MATERIAL: BRASS
WEIGHT: 0.00 LB
SCALE: 1:1
TITLE: UPPER BEARING
CLICKSPRINGPROJECTS.COM A4
NOTES, UNLESS OTHERWISE SPECIFIED:
1. CUP ANGLE IDEALLY 90° FORMED WITH 90° SPOT DRILL
2. 120° CUP ANGLE DESCRIBED IN VIDEO

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: 0.00 LB

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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: 0.09 LB
MATERIAL: A4 PLAIN CARBON STEEL

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: 4.51 LB