MATERIAL: A4 BRASS, STEEL, LIGHT ALLOY

UNLESS OTHERWISE SPECIFIED: TOLERANCES:
LINEAR: DIMENSIONS UNDER 15 MM ± 0.1
DIMENSIONS 15 MM AND OVER ± 1
ANGULAR: ± 0.5°

REMOVE ALL BURRS AND SHARP EDGES
0.50 RADIUS OR CHAMFER MAX

WEIGHT: 478.56 G

CLICKSPRINGPROJECTS.COM
<table>
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<th>ITEM NO.</th>
<th>PART NUMBER</th>
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<td>Upper Bearing</td>
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<tr>
<td>3</td>
<td>Lower Bearing</td>
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</tr>
<tr>
<td>4</td>
<td>Axle</td>
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<tr>
<td>5</td>
<td>Wheel</td>
<td>1</td>
</tr>
<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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</tbody>
</table>

**BENCHTOP GYRO**

**MATERIAL:** Brass, Steel, Light Alloy

**WEIGHT:** 478.56 g

**UNLESS OTHERWISE SPECIFIED:**
- DIMENSIONS ARE IN MILLIMETERS
- LINEAR: DIMENSIONS UNDER 15 MM ±0.1
- DIMENSIONS 15 MM AND OVER ±1
- ANGULAR: ±0.5°
- REMOVE ALL BURRS AND SHARP EDGES
- 0.50 RADIUS OR CHAMFER MAX

**SCALE:**

**TITLE:**

**CLICKSPRINGPROJECTS.COM**

---

Scale: A4

Sheet 2 of 9
BOLT CIRCLE COORDINATES:
CIRCLE DIAMETER = 30.16
HOLE SIZE = 12.7

NUMBER OF HOLES = 6

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NUMBER OF HOLES = 4

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

MATERIAL: BRASS
WEIGHT: 393.97 G

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Make:
NOTES, UNLESS OTHERWISE SPECIFIED:

1. MODIFY HOLES FOR M5 OR 10-32 THREAD AS APPROPRIATE

MATERIAL:
A46061 ALLOY

27.86 G

FRAME

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS

UNLESS OTHERWISE SPECIFIED, TOLERANCES:
LINEAR: DIMENSIONS UNDER 15 MM ± 0.1
DIMENSIONS 15 MM AND OVER ± 1

ANGULAR: ±0.5°

REMOVE ALL BURRS AND SHARP EDGES
0.50 RADIUS OR CHAMFER MAX

MATERIAL: 6061 ALLOY

WEIGHT: 27.86 G
MATERIAL: PLAIN CARBON STEEL

UNLESS OTHERWISE SPECIFIED, TOLERANCES:
LINEAR: DIMENSIONS UNDER 15 MM ± 0.1
DIMENSIONS 15 MM AND OVER ± 0.5
ANGULAR: ±0.5°

REMOVE ALL BURRS AND SHARP EDGES
0.50 RADIUS OR CHAMFER MAX

WEIGHT: 9.74 G

SCALE: 1:1

TITLE: AXLE

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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: 2.02 G

TITLE: UPPER BEARING
SCALE: A4
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE SPECIFIED, TOLERANCES:
LINEAR: DIMENSIONS UNDER 15 MM ± 0.1
DIMENSIONS 15 MM AND OVER ± 1
ANGULAR: ± 0.5°
REMOVE ALL BURRS AND SHARP EDGES
0.50 RADIUS OR CHAMFER MAX

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NOTES, UNLESS OTHERWISE SPECIFIED:
1. CUP ANGLE IDEALLY 90° FORMED WITH 90° SPOT DRILL
2. 120° CUP ANGLE SHOWN IN VIDEO
MATERIAL: BRASS

SCALE: 1:1

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS

UNLESS OTHERWISE SPECIFIED, TOLERANCES:
LINEAR: DIMENSIONS UNDER 15 MM ± 0.1
DIMENSIONS 15 MM AND OVER ± 1

ANGULAR: ±0.5°

REMOVE ALL BURRS AND SHARP EDGES
0.50 RADIUS OR CHAMFER MAX

WEIGHT: 38.89 G

BASE
MATERIAL: PLAIN CARBON STEEL

WEIGHT: 4.51 G

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS

UNLESS OTHERWISE SPECIFIED, TOLERANCES:
LINEAR: DIMENSIONS UNDER 15 MM ± 0.1
DIMENSIONS 15 MM AND OVER ± 1
ANGULAR: ±5°

REMOVE ALL BURRS AND SHARP EDGES
0.50 RADIUS OR CHAMFER MAX

SCALE:
TITLE:
EXTENSION RODS
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