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KINGrinder P0

KINGrinder P0 Manual Hand Coffee Grinder Instruction Manual

Model: P0

1. PRODUCT OVERVIEW

The KINGrinder P0 is a lightweight manual hand coffee grinder designed for portability and consistent grinding. It features a durable stainless steel conical burr and offers precise grind size adjustments for various brewing methods.

- **Lightweight Design:** Constructed from ABS, weighing approximately 330g.
- **Capacity:** Grinds up to 20g of coffee beans at a time.
- **Durable Burr:** Features a SUS420 stainless steel conical burr, suitable for drip coffee, Moka pot, and French Press.
- **Precise Adjustment:** Offers 30 clicks per rotation, with each click providing a fine adjustment of 0.0333mm for particle size.
- **Easy Maintenance:** Designed for tool-free disassembly and cleaning. A cleaning brush is included.
- **Portability:** Compact size makes it suitable for travel and outdoor activities.



Figure 1: KINGrinder P0 Manual Hand Coffee Grinder. This image shows the grinder assembled with its handle.

2. COMPONENTS

The KINGrinder P0 consists of the following main components:

- **Grinder Body:** The main housing containing the burr assembly.
- **Handle:** Detachable handle for manual grinding.
- **Burr Assembly:** Internal stainless steel conical burr for grinding coffee beans.
- **Catch Cup:** Bottom container for collecting ground coffee.
- **Adjustment Dial:** Located at the bottom of the burr assembly for setting grind size.
- **Cleaning Brush:** Included for maintenance.



Figure 2: KINGrinder P0 with its packaging and included cleaning brush.



Figure 3: Close-up view of the KINGrinder P0, highlighting the conical burr.

3. SETUP

1. **Unpack:** Carefully remove all components from the packaging.
2. **Initial Cleaning:** Before first use, wipe down all parts with a dry cloth or use the included brush to remove any manufacturing dust. The grinder is not designed for wet cleaning.
3. **Assemble Handle:** Attach the grinding handle to the top shaft of the grinder. Ensure it is securely fitted.

4. **Adjust Grind Size:** Refer to Section 4.1 for instructions on adjusting the grind size.

4. OPERATION

4.1 Adjusting Grind Size

The KINGrinder P0 features a stepped adjustment mechanism. To change the grind size:

1. Ensure the catch cup is removed.
2. Locate the adjustment dial at the bottom of the burr assembly.
3. Turn the dial clockwise for a finer grind and counter-clockwise for a coarser grind. Each click represents a 0.0333mm change in particle size. The grinder offers 30 clicks per full rotation.
4. Reattach the catch cup once the desired setting is selected.



Figure 4: Close-up of the grind adjustment dial.

4.2 Recommended Grind Settings (Approximate)

The following are approximate starting points for various brewing methods. Fine-tuning may be required based on your specific beans and preference:

- **Moka Pot / AeroPress:** Approximately 20 clicks from the finest setting.
- **Pour Over:** Approximately 22-30 clicks from the finest setting.
- **French Press:** Approximately 35-40 clicks from the finest setting.



Figure 5: Examples of Moka pot and AeroPress brewing.



Figure 6: Example of pour-over coffee brewing.



Figure 7: Example of French Press coffee brewing.

4.3 Grinding Process

1. **Load Beans:** Open the top lid and pour up to 20g of whole coffee beans into the grinder chamber.
2. **Attach Handle:** Ensure the handle is securely attached to the grinder shaft.
3. **Grind:** Hold the grinder body firmly and turn the handle clockwise to begin grinding. Continue until all beans have passed through the burrs.
4. **Collect Grounds:** Unscrew the catch cup from the bottom of the grinder to retrieve your freshly ground coffee.

5. MAINTENANCE AND CLEANING

Regular cleaning ensures optimal performance and longevity of your KINGrinder P0.

1. **Disassembly:** The grinder can be easily disassembled without tools. Simply unscrew the catch cup, then carefully remove the burr assembly components.
2. **Cleaning:** Use the provided cleaning brush to remove any residual coffee grounds from the burrs and internal components. Avoid using water or harsh detergents, as this can damage the burrs and internal mechanisms.
3. **Drying:** Ensure all parts are completely dry before reassembly.

4. **Reassembly:** Reassemble the components in reverse order of disassembly.



Figure 8: Disassembly of the grinder does not require tools.



Figure 9: Use the supplied brush for cleaning the burrs.

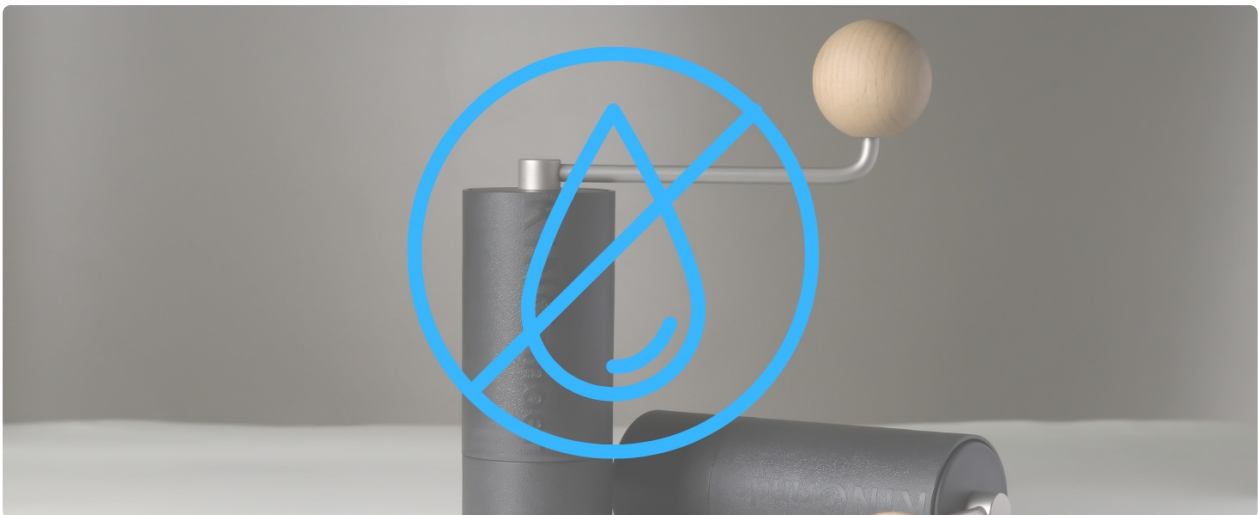


Figure 10: Ensure the grinder is kept dry after cleaning.

6. TROUBLESHOOTING

- **Static Electricity:** If ground coffee clings to the catch cup due to static, a small amount of water (a single drop) can be added to the whole beans before grinding. This technique, known as the Ross Droplet Technique (RDT), can significantly reduce static.

- **Inconsistent Grind:** Ensure the adjustment dial is set correctly and securely. If the burr assembly feels loose, re-check the assembly steps.
- **Difficulty Grinding:** If grinding becomes difficult, check for foreign objects in the burr chamber. Ensure beans are not excessively oily, which can cause clogging.

7. SPECIFICATIONS

Attribute	Specification
Brand	KINGrinder
Model	P0
Color	Black
Material	Acrylonitrile Butadiene Styrene (ABS), Stainless Steel (SUS420)
Item Weight	330 Grams
Dimensions (L x W x H)	1.97"L x 1.97"W x 5.12"H
Capacity	20 Grams
Power Source	Manual
Recommended Uses	Grinding for Moka pot, French Press, Drip

8. WARRANTY AND SUPPORT

For information regarding warranty coverage, please refer to the product packaging or the official KINGrinder website. If you encounter any issues or require technical assistance, please contact KINGrinder customer support through their official channels.