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KINGrinder K1

KINGrinder K1 Manual Hand Coffee Grinder Instruction Manual

Model: K1

INTRODUCTION

Thank you for choosing the KINGrinder K1 Manual Hand Coffee Grinder. This manual provides essential information for the proper setup, operation, and maintenance of your grinder. Please read these instructions carefully before use to ensure optimal performance and longevity of your product.

PRODUCT OVERVIEW

The KINGrinder K1 is designed for consistent coffee grinding across various brewing methods. It features a robust construction with stainless steel conical burrs and an aluminum body.



Image: The KINGrinder K1 grinder, its packaging, and a close-up of the stainless steel conical burr set.

Components:

- **Grinder Body:** Main aluminum housing.
- **Handle:** Straight handle with a wooden knob for manual operation.
- **Lid:** Covers the bean hopper.
- **Bean Hopper:** Holds coffee beans (20-25g capacity).
- **Conical Burr Set:** Stainless steel burrs for grinding.
- **Catch Cup:** Collects ground coffee.
- **Adjustment Dial:** Internal mechanism for grind size adjustment.

KINGrinder



Image: A disassembled view of the KINGrinder K1, showing the main body, catch cup, burr set, and other internal components.

SETUP

1. **Unpack:** Carefully remove all components from the packaging.
2. **Initial Cleaning:** Before first use, wipe down all parts with a dry cloth. The burr set can be cleaned with the included brush. Avoid washing the burr set with water.

- 3. **Assemble:** Ensure all parts are correctly assembled. The handle attaches to the top shaft.
- 4. **Grind Adjustment:** Refer to the "Operating Instructions" section for detailed grind adjustment.

OPERATING INSTRUCTIONS

1. Grind Size Adjustment

The KINGrinder K1 features an internal adjustment mechanism. Each click adjusts the grind size by 18 micrometers (µm). There are 40 clicks per full rotation of the adjustment dial.

- 1. **Access Adjustment:** Remove the catch cup and locate the adjustment dial at the bottom of the grinder body, beneath the burr set.
- 2. **Adjust Coarseness:** Turn the dial clockwise for a finer grind and counter-clockwise for a coarser grind.
- 3. **Reference Settings:** Use the recommended grind settings table below as a starting point.

Recommended Grinder Settings

Brewing Methods	Click	Grind Size
Turkish coffee	20	Extra Fine
Espresso	40	Fine
Moka pot Aeropress	60	Medium-Fine
Pour-Over Syphon	100	Medium
French press	120	Coarse

One round is equivalent to 40 clicks.

For reference only; adjustments may be made according to personal preference.

Image: A table showing recommended grind settings (clicks) for different brewing methods, including Turkish coffee, Espresso, Moka pot/Aeropress, Pour-Over/Syphon, and French Press.

Recommended Grind Settings:

Brewing Method	Clicks (Approx.)	Grind Size
Turkish coffee	20	Extra Fine
Espresso	40	Fine
Moka pot / Aeropress	60	Medium-Fine
Pour-Over / Syphon	100	Medium
French Press	120	Coarse

Note: One full round of the adjustment dial is equivalent to 40 clicks. These settings are for reference only; adjustments may be made according to personal preference and specific coffee beans.

2. Grinding Process

1. **Load Beans:** Remove the lid and pour whole coffee beans into the hopper. The capacity is 20-25g.
2. **Attach Handle:** Place the handle onto the shaft.
3. **Grind:** Hold the grinder firmly and turn the handle clockwise to begin grinding. Continue until all beans have passed through the burrs.
4. **Collect Grounds:** Remove the catch cup to access your freshly ground coffee.

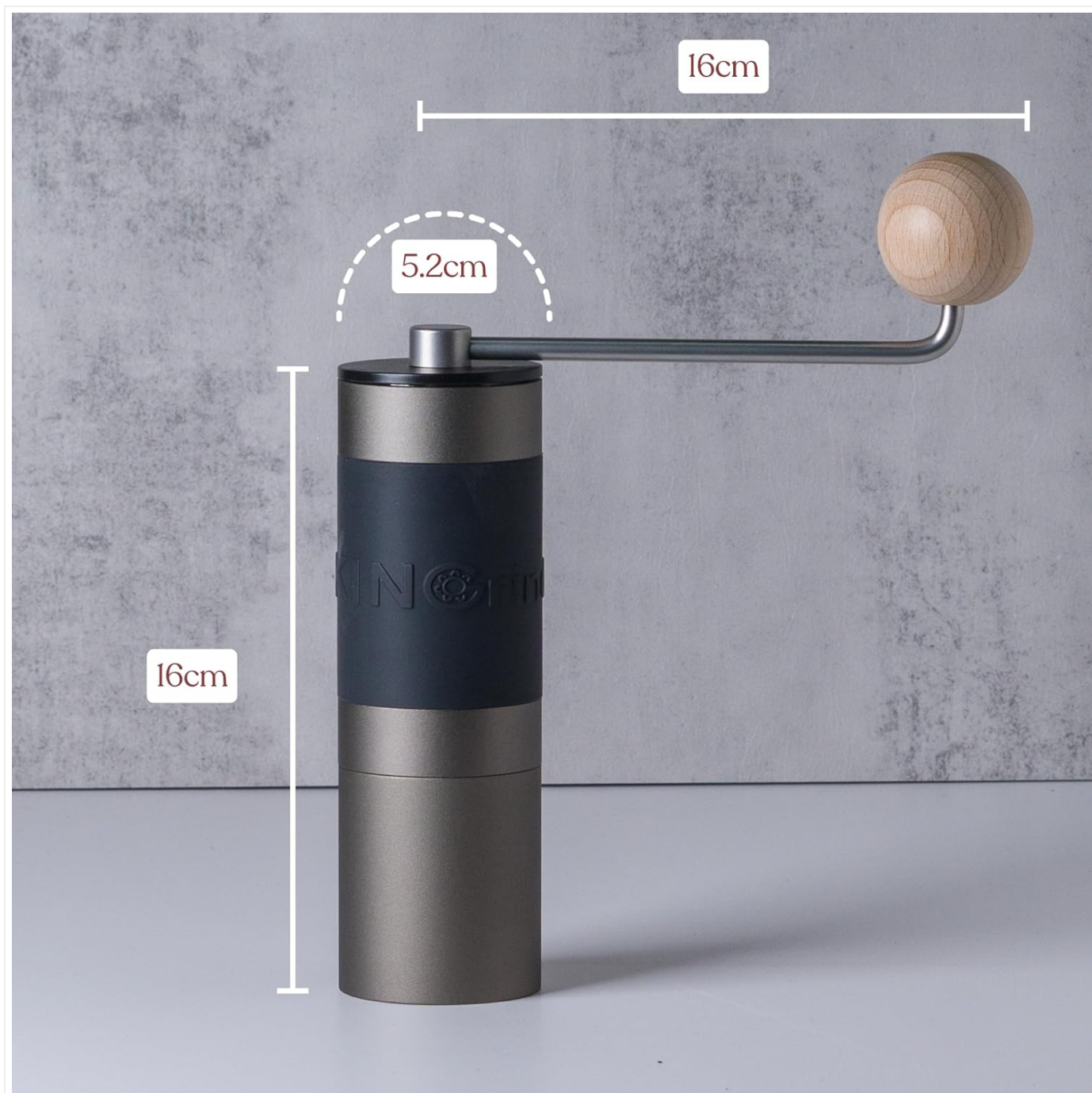


Image: The KINGrinder K1 with its dimensions (16cm height, 16cm handle length, 5.2cm handle offset) indicated, illustrating its compact size.

MAINTENANCE AND CLEANING

Regular cleaning ensures optimal performance and extends the life of your grinder.

- **Daily Cleaning:** After each use, tap out any residual coffee grounds from the catch cup and burr chamber. Use the provided brush to clean the burrs.
- **Deep Cleaning:** Periodically, the grinder can be fully dismantled for a more thorough cleaning. Unscrew the catch cup, then carefully remove the internal components, including the burr set. Clean all parts with a dry brush.
- **Important:** Do not wash the burr set or internal metal components with water. Moisture can lead to rust and damage.



Image: A visual guide demonstrating the disassembly of the KINGrinder K1 for comprehensive cleaning, showing all individual parts.



Image: A visual warning indicating that the grinder should not be washed with water, emphasizing dry cleaning methods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Grinder feels stiff or difficult to turn.	Burrs are clogged with old coffee oils/grounds, or grind setting is too fine.	Clean the burrs thoroughly. Adjust to a coarser grind setting.
Inconsistent grind size.	Burrs are dirty, or components are not properly assembled.	Perform a deep clean. Ensure all parts are securely assembled.
Beans not feeding into burrs.	Hopper is overfilled, or beans are too oily/large.	Do not overfill the hopper. Use fresh, less oily beans.



Image: A warning symbol overlaid on coffee beans inside the grinder, indicating potential issues or precautions during use.

SPECIFICATIONS

- **Brand:** KINGrinder
- **Model:** K1
- **Material:** Aluminum body, Stainless Steel conical burrs
- **Color:** Iron Grey
- **Item Weight:** Approximately 580 grams (1.28 pounds)
- **Product Dimensions:** 2.04"L x 2.04"W x 6.29"H
- **Grind Adjustment:** 18 µm per click, 40 clicks per full rotation
- **Hopper Capacity:** 20-25g coffee beans


WARRANTY AND SUPPORT


For warranty information or technical support, please contact KINGrinder customer service through the retailer where the product was purchased or visit the official KINGrinder website. Please retain your proof of purchase for warranty claims.



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Related Documents - K1

	<p>KINGRINDER K0/K1/K2 Manual Hand Coffee Grinder: Operation, Cleaning, and Assembly Guide</p> <p>Comprehensive user manual for the KINGRINDER K0, K1, and K2 manual hand coffee grinders. Learn how to operate, clean, assemble, and use the grinder effectively for various brewing methods, including recommended settings and precautions.</p>
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	<p>KINGrinder Lightweight Manual Hand Coffee Grinder User Manual</p> <p>User manual for the KINGrinder Lightweight Manual Hand Coffee Grinder (models P0, P1, P2). Covers what's in the box, step-by-step operation, recommended grind settings for Espresso, Moka Pot, AeroPress, Pour-Over, and French Press, cleaning instructions, and important precautions for optimal use.</p>
	<p>KINGrinder K0, K1, K2 Manual Coffee Grinders: Specifications and Usage</p> <p>Comprehensive specifications, capacity guide, and assembly instructions for KINGrinder K0, K1, and K2 manual coffee grinders. Details on grind settings, dose weights, and adjustment procedures.</p>
	<p>KINGRINDER K0/K1/K2 Manual: Internal Adjustment Burr Coffee Grinder</p> <p>User manual for the KINGRINDER K0, K1, and K2 internal adjustment manual coffee grinders. Includes product contents, usage instructions, grind size guide, disassembly and assembly, and important precautions.</p>
	<p>KINGrinder K0/K1/K2 Manual Hand Coffee Grinder Instructions</p> <p>Comprehensive guide for operating, cleaning, and assembling the KINGrinder K0, K1, and K2 manual hand coffee grinders. Includes recommended settings for various brewing methods and precautions for use.</p>
	<p>KINGRINDER Lightweight Manual Coffee Grinder User Manual</p> <p>This document provides instructions for using, cleaning, and maintaining the KINGRINDER lightweight manual coffee grinder. It includes details on product contents, usage steps, grind size recommendations for various brewing methods, and important precautions.</p>