

# Grinders

## Ditting® KR 804 Grinder for Clover® Work Station – Checking the Grind

**Frequency:** *Weekly*

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**Materials Needed:**

- *Grind Calibration Card*
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**01 – Set the grind adjustment knob to #7**

- Stores should use #7 to check the grind, but should use #5.5 to grind coffee for Clover® Brewing System.

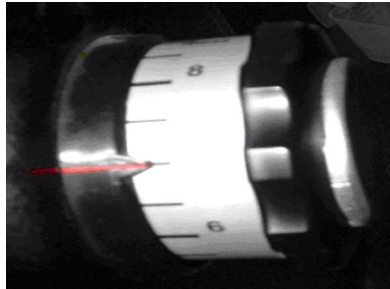
**02 – Grind a half shot of coffee beans**

**03 – Visually compare the ground coffee**

- Use the Grinder Calibration Card.

**04 – If ground coffee is different from the sample, proceed to the “Adjusting the Grind” procedure in this section**

- Once grind is correct, please set grinder adjustment knob back to #5.



**01** Set the grind adjustment knob to #7



**02** Grind a half shot of coffee beans



**03** Visually compare the ground coffee

# Grinders

## Ditting® KR 804 Grinder for Clover® Work Station – Cleaning the Burr Assembly and Spout

### Continued

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**07 – Wipe all grounds and residue from inside the spout**

- Use a clean wiping cloth.

**08 – Clean all parts prior to re-assembly**

- Use a wiping cloth.

**09 – Replace the upper burr assembly and replace the burr plate screws**

- Use a standard screwdriver.

**10 – Set the hopper back on top of the grinder**

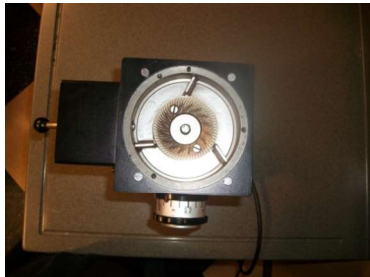
- Set at a 15 degree angle.
- Gently turn the hopper clockwise until back in place.

**11 – Tighten the left hand hopper lock screw to hold the hopper in place**

- Use a standard screwdriver.

**12 – Plug in the grinder**

- Check the grind as outlined in the “Checking the Grind” procedure in this section.



**07** Wipe all grounds and residue from inside the spout



**08** Clean all parts prior to re-assembly



**09** Replace the upper burr assembly and replace the burr plate screws



**10** Set the hopper back on top of the grinder



**11** Tighten the left hand hopper lock screw to hold the hopper in place



**12** Plug in the grinder

# Grinders

## Ditting® KR 804 Grinder for Clover® Work Station – Cleaning the Burr Assembly and Spout

**Frequency:** Weekly

### Materials Needed:

- Standard Screwdriver
- Ceramic Mug or Cup Lid
- Grinder Only Nylon Brush
- Food Only Vacuum Cleaner
- Wiping Cloth

### Warning:



Unplug the grinder before beginning this procedure.

### 01 – Unplug the grinder



01 Unplug the grinder

### 02 – Loosen the left hand hopper lock on the back of the grinder

- Use a standard screwdriver.



02 Loosen the left hand hopper lock on the back of the grinder

### 03 – Turn the hopper counter-clockwise

- Turn 15 degrees and lift the hopper off the grinder.
- There is an O-ring between the hopper and the burrs. Be careful when removing the hopper, so as not to lose it.



03 turn the hopper counter-clockwise

### 04 – Loosen the two burr plate screws by turning them counterclockwise

- Use a standard screwdriver.
- Place all loose parts in a ceramic mug or cup lid.



04 Loosen the two burr plate screws by turning them counterclockwise

### 05 – Remove the upper burr plate from the grinder

- It may be necessary to rotate the upper burr plate to allow the plate to be withdrawn.



05 Remove the upper burr plate from the grinder

### 06 – Remove all coffee from the top and bottom burrs

- Use the nylon brush and food-only vacuum.
- Brush and vacuum all grounds from the grinding chamber.
- Use a dry, clean wiping cloth to remove all remaining residue.



06 Remove all coffee from the top and bottom burrs



# Grinders

## Ditting® KR 804 Grinder for Clover® Work Station – Overview

**Daily:**

- Vacuum spout and wipe out the hopper with a clean, dry wiping cloth.

**Weekly:**

- Clean the burr assembly and spout
- Check grind.

**As Needed:**

- Adjust grind.
- Reset the thermal breaker.

**Calibration Standards:**

GRIND	SETTING
Clover® Brewed Coffee	5



# Grinders

## Ditting® Grinder – Troubleshooting

PROBLEM	POSSIBLE CAUSE	SOLUTION
The grinder will not turn on.	The thermal breaker is tripped	Allow the grinder to cool for 10-15 minutes then reset the thermal breaker. (See procedure in this section.) Plug in the grinder.
	The grinder is not plugged in. Plug in the grinder.	The grinder is not plugged in. Plug in the grinder.
	The circuit breaker is tripped.	Reset the circuit breaker. (See Checking Circuit Breakers in the Introduction section of this manual.)
The grinder runs but no coffee comes out of the spout.	The burrs and the discharge tube are clogged.	Clean the burrs and the spout.
The grind is too coarse, too fine or inconsistent.	The grinder is out of adjustment.	Adjust the grinder.
The grinder makes high-pitched or unusual noises while grinding.	There is a foreign object in the burrs.	Clean the burrs and remove the object.
	The grind is set too fine and the burrs are touching.	Clean and adjust the grinder.
The grinder turns on but the burrs do not move and no coffee is ground.	There is a foreign object in the burrs.	Clean the burrs and remove the object.
	The grind is set too fine and the burrs are locked together.	Clean and adjust the grinder.



# Grinders

## Grinder Calibration Card

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1. Set grinder to medium drip setting\*:
    - *Ditting: #7*
    - *Ditting 804: #7*
  2. Grind approximately half a shot glass of beans.
  3. Spread the grounds in the box below and compare to the picture on the right.
  4. If the ground coffee matches the picture, no calibration is required. If grind size does not match, follow the calibration instructions.
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<p>Place Grounds Here</p>	
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\* The grind setting on this card may not match the grind setting for brewing coffee in your store. The grind setting is used just to match the picture. Change the grind settings back to the settings needed to brew coffee in your store after you are finished checking the grind.

