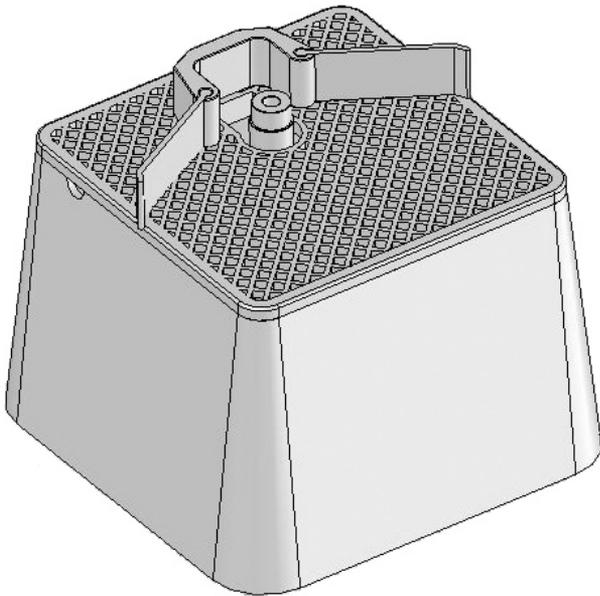


# *Gryphette* Grinder Instructions



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## **Safety Precautions**

1. Always use eye and body protection when using power tools such as this grinder.
2. Remove any jewelry or loose clothing which could become entangled in the grinding head.
3. Set power switch to off before plugging in the grinder.
4. Use only a properly grounded three prong 110 volt 60 cycle outlet. Extension cords are not recommended.
5. Place grinder in an area where water will not reach electrical outlet and route cord to avoid water dripping down the cord to the outlet.
6. Turn off grinder when not in use.
7. Do not leave hex wrench or other tools on grinder when in use.
8. Never grind without water.

## **Changing Grinding Bits**

1. Most brands of standard grinding bits will fit this grinder.
2. To install a new grinding bit, first remove the old bit by loosening the set screw in the base of the bit using the included hex wrench.
3. It is recommended to place a little lubricant, such as petroleum jelly, on the shaft to aid in future grinding bit changes.

## **Operating Instructions**

1. Place grinder in area with good ventilation and lighting.

2. Attach flexible wings as shown in illustration on previous page.
3. Plug grinder into grounded three-prong socket.
4. Add water to tray under the work surface. A notch is provided to drain excess water. Insure that water tray remains full of water during operation. Add water to water tray as required. Grinding without adequate water cooling the bit will drastically shorten the bit life.
5. Place sponge in hole provided. Insure that bottom of sponge absorbs water from the tray. Insert sponge so that upper part of sponge touches the grinding bit. It is very important that the sponge keep the grinding bit wet during operation. New sponge strips may be cut from a standard kitchen sponge.
6. Turn on grinder using switch on right side. If you prefer, you may plug grinder into an approved foot switch rated for 3 amps or more.
7. Press glass, rock or tile to be ground against revolving grinding head with moderate pressure. Shape your material with smooth lateral strokes, removing a small portion of the unwanted material with each pass. Do not apply excessive pressure.
8. If you wish to drill a hole, use a grinding pin. Gently bring glass into contact with the top of the pin at a 45° angle until the hole is started. Rotate the material until it is flat on top of the grinding pin. Make sure that water is allowed to reach the contact point by directing water at the bit, or holding a wet sponge against the bit.
9. When done, turn off the grinder. Clean grinder between uses. Rinse the sponge regularly.

## **Assembly and use of optional face shield**

1. Leave grinder unplugged until ready to use.
2. Place Face Shield Extensions into slots on the Wing Bracket with the open end of the C-shaped bracket facing forward.
3. Snap Face Shield into top of Extensions.
4. Insert rubber wings into slots on either side of Wing Bracket.
5. Press assembly with wings and face shield into slots on platform.



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