

# INSTRUCTIONS

*Congratulations!* You have selected the world's first professional pocket sharpener, invented and made in the U.S.A. by EdgeCraft: the world's leading manufacturer of knife sharpeners. The EdgeCraft 480 Series includes an assortment of models with accessories to meet a range of sharpening needs. To get the most from your new pocket sharpener please follow these instructions.

## How to Sharpen: Two-stage Sharpening Section

All EdgeCraft 480 Series Pocket Sharpeners are equipped with a two-stage knife sharpening section with built-in angle guides that take the guesswork out of sharpening and 100% diamond abrasives that sharpen quickly and efficiently! Knives are sharpened first with medium diamond abrasives in Stage 1 then fine diamond abrasives in Stage 2. The sharpening angle in both stages is *precisely* controlled by a rigid guide (Fig. 1a), or roller guides (Fig. 1b).

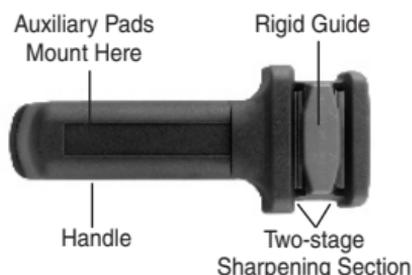


Fig. 1a: Rigid Guide

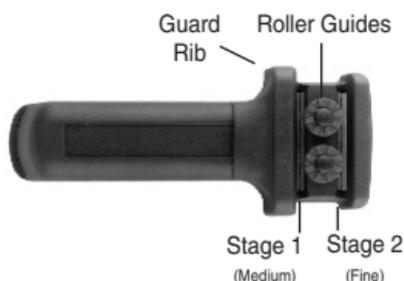


Fig. 1b: Roller Guides

First, familiarize yourself with the parts of the sharpener (Fig. 1a and 1b). Always start with a clean knife. Place the sharpener on a flat surface, near the edge of a table or other secure work surface. Hold the sharpener with fingers safely behind the guard rib and place the blade in Stage 1: the slot nearest to the guard rib (Fig. 2a). Make sure the blade leans firmly against the knife guide. Without any downward pressure, move the blade back and forth in the Stage 1 slot until the blade is sharp. (If your model has roller guides, one or both should turn as you pull the knife back and forth to ensure the knife is at the correct angle). Both sides of the edge will be sharpened at the same time.

Next, place the knife in the Stage 2 slot, making sure the blade leans firmly against the knife guide and repeat the back and forth movement to refine and further sharpen the edge. Usually, only 25 back-and-forth strokes are needed in Stage 1 and about 5 back-and-forth strokes in Stage 2. It is important to keep the blade in contact with the knife guides at all times and apply little to no downward pressure on the blade. If the knife is not sharp enough, repeat the steps described above for both Stages 1 and 2.



Fig. 2a: Sharpening in Stage 1



Fig. 2b: Sharpening in Stage 2

**SUGGESTIONS:** If you're right-handed, hold the handle in the left hand and the knife in the right. If left-handed, reverse hands. Just remember to start sharpening in the slot nearest the handle (Stage 1). You won't need any sharpening oils, lubricants, water or other liquids. Stage 1 and Stage 2 are designed for only sharpening knives, not for sharpening scissors or other tools.

**CAUTION! Always keep fingers behind the guard rib. Handle the sharpened knives with care - - they can be extremely sharp!**

## How to Use Specialty Sharpening Pads

Selected models of the EdgeCraft Diamond Hone® Pocket Sharpener 480 Series come with auxiliary sharpening or honing pads that provide additional sharpening capabilities. In some models, a sharpening pad is permanently attached to the handle. Others feature a magnetic strip on the handle so sharpening pads can be easily interchanged. Their use is described below and on the reverse side.

### Diamond Abrasive Sharpening Pads

The EdgeCraft 480 Series Pocket Sharpener supplied with the coarse diamond abrasive pad (which mounts on top of the handle) can be used as a sharpening stone to presharpener extremely dull knives *before* sharpening them in the two-stage sharpening section. Put the sharpener on a secure work surface. Hold by the two-stage sharpening section (not the handle!) with fingers safely behind the guard rib.

(Please turn over)

### Diamond Abrasive Sharpening Pads (continued)

Position the knife blade at about a 20° angle to the pad. Pull the blade in a smooth motion away from the edge. Use only light pressure. Alternate sides, sharpening one side of the edge then the other. Continue until the edge is reasonably sharp. Then use the two-stage sharpening section to produce a razor-sharp edge. Diamonds can sharpen any material, including stainless steel alloys and tool steel. The EdgeCraft 480 Series Pocket Sharpener supplied with the coarse diamond abrasive pad can also be used like a file to sharpen hatchets and other cutting tools (Fig. 4).



Fig. 3: Auxiliary honing pad (on handle) and coarse diamond pad  
Honing Pad

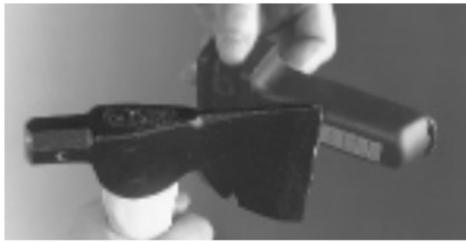


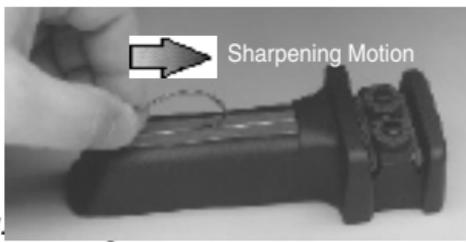
Fig. 4: Sharpening an axe with the coarse pad

The white honing pad refines the edge after it has been sharpened in Stage 2. Like a barber strop, this ultrafine abrasive can produce an ultra-fine edge. Hold the knife at a 25° to 40° angle (Fig. 5) and move the blade across the pad with a smooth sweeping motion, honing alternate sides of the edge. About 5 strokes per side should be sufficient. Always pull the blade away from the edge with a smooth motion. Never push the blade toward the edge: this can cut or nick the honing material.

In time, the white honing pad will be darkened by sharpening residue. This won't reduce the pad's effectiveness. It can be cleaned by gently scraping it with the back of a knife or metal ruler, or scrubbing it lightly with fine steel wool.



correct angle and motion  
Fishhook Sharpening Pad



sharpening pad: correct motion

This pad has a long groove to sharpen fishhooks. Push the point of the hook along the bottom of the groove moving away from the point (Fig. 6). This pad can also presharpener knives before sharpening in the two-stage sharpening section.

### Storage Compartment

Certain models of the EdgeCraft 480 Series feature a handle storage compartment to hold sharpening pads, personal accessories, fish-hooks, line cutters and even small pocket knives!

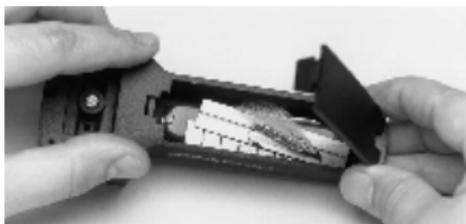


Fig. 7: Storage compartment

### Limited Warranty

When used with normal care, this EdgeCraft product is guaranteed against defective material and workmanship for a period of one (1) year from the date of purchase ("Warranty Period"). We will repair or replace, at our option, any product or part that is defective in material or workmanship without charge if the product is returned to us postage prepaid, with dated proof of purchase, within the Warranty Period. This Limited Warranty does not cover replacement of abrasive pads necessitated by use of the product or product damage resulting from misuse. ALL IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD. EDGE-CRAFT CORPORATION SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some States do not allow limitations on how long an implied warranty lasts and some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This Limited Warranty gives you specific legal rights and you may also have other rights which vary from State to State. THIS WARRANTY APPLIES ONLY TO NORMAL HOUSEHOLD USE OF THIS SHARPENER AND IS VOID FOR INDUSTRIAL OR COMMERCIAL USE.

### For Further Information

For information on other Edge-Craft power-driven and manual knife sharpeners, visit your local dealer or contact EdgeCraft:

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