

# HARD STONES

THESE STEPS TAKE STONES FROM "ROUGH" TO A HIGH POLISH

## SETUP



Apply CUSHIONS onto BACKPADS before sticking abrasives.  
**Felt Disc & Buffing Wheel DO NOT require a CUSHION PAD**



Apply abrasives onto the BACKPADS (over CUSHIONS already on disc.)

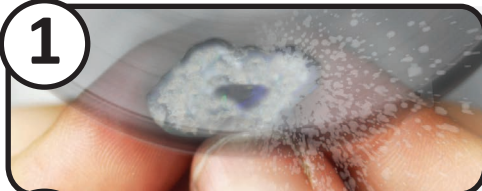


All steps require water. Dip the workpiece into WATER TRAY (shown) or apply a little amount with your finger onto the piece as you work.



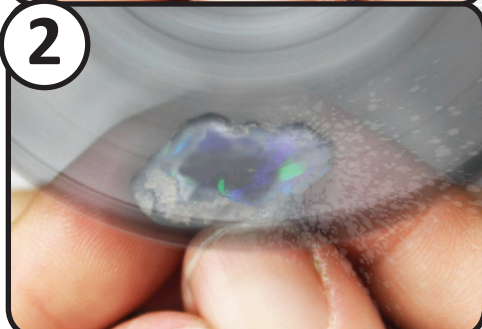
**SAFETY FIRST!**  
Always wear eye and respiratory protection.

**FULL LAPIDARY KITS:** Item# K-1001 (Hard Stones: Mohs 7 +) and K-1002 (Soft Stones: Mohs 7 and under)



**STEP 1**  
**GRIND and SHAPE your stone**  
Use **3M Flex-Diamond (COARSE)** abrasive  
**Speed:** Medium/-High speed with water

**1** **X Coarse**  
Item# D-36250-1



**STEP 2**  
**REFINE the shape and remove scratches:**  
Use **3M Microfinishing Diamond** abrasives to finalize the shape and remove any leftover scratches.  
**Speed:** Medium-High speed with water

This 4-Grade Kit Item# K-3600-4

**2a** **Coarse**  
Item# D-3074-2



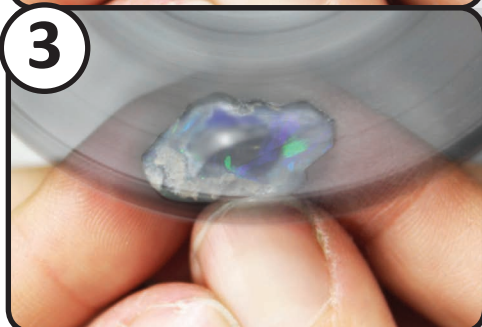
**2b** **Medium**  
Item# D-3045-2



**2c** **Fine**  
Item# D-3030-2



**2d** **Very Fine**  
Item# D-3020-2



**STEP 3**  
**PREPARE your stone for POLISHING**  
Prepare your stone for final polish using **3M Premium Diamond** abrasives, the brown discs.

This 4-Grade Kit Item# K-3650-5

**3a** **3000 Grit**  
Item# D-33000



**3b** **8000 Grit**  
Item# D-38000



**3c** **50 000 Grit**  
Item# D-350000



**FINAL STEP HIGH-POLISH your stone.**  
Use **3M Cerium Oxide** to get a final polish  
**WARNING:** Do NOT use on porous surfaces  
**Speed:** Very Low (with lots of water)  
**Pressure:** Use Firm, consistent pressure.

**4** **FINAL STEP:**  
Cerium Oxide  
Item# AT-13000-2



**ALTERNATE FINAL STEP: POLISHING**  
Some stones polish easily with our **FELT DISC**  
Try this after step 2d on Turquoise, Opal and other soft stones.  
**Speed:** High Speed. **DO NOT USE WATER**

**SOLD SEPARATELY**

**FELT DISC**  
Item# B-301



Apply **COMPOUND** on **FELT DISC**



Item#: C-103

### HOW TO REPAIR SCRATCHED OR CHIPPED STONES

Repairing scratched or chipped stones is similar to working on rough stones.

For **DEEP** Scratches: Start at **Step 2c**, then continue up to **FINAL STEP**.

For **LIGHT** scratches: Start at **Step 3a**, then continue up to **FINAL STEP**.

**ANIE'S TIP:** To avoid scratches on the finished piece, follow ALL the steps THOROUGHLY and inspect your piece after each step.

**MAINTENANCE:** Clean abrasives with damp cloth for longer life & performance.



**FOLLOW STEPS FROM TOP TO BOTTOM**