Fire Starter Flint

Kit Features:
- Use this instrument to strike fire outdoors - instead of matches
- Long lasting, multiple strikes
- Lanyard to carry and attach the striker

Required Accessories:
- Four prong drive center or similar drive
- Heavy duty, 60° degree live center
- 3/8” drill bit, item #PKEXEC-38
- 3/16” drill bit, (for lanyard)
- Mid-cure, epoxy glue

Preparing the Blank:
- Cut a blank to at least 1" square x 5" long.
- Mark the center on both ends of the blank.
- Drill a 3/8" center hole, 1" deep at the end of the blank.
- Mark 1 1/2" from the end on the opposite side of the hole.
- Drill a 3/16" centered hole through the width of the blank.
- Chamfer the hole.
Turning the Blank

- Insert a drive center into the head stock and a 60° live center into the tail stock of the lathe.
- Lock the blank between the centers (See Dia. “B”).
- Mark 5/16" on the blank over the side of the hole. Turn a tendon to match the I.D. of the ferrule about .74" ("See Dia. “B”).
- Turn the blank into a handle profile. Remove wood at the drive center end. Leave a small bridge to support the handle. Sand and finish the wood.
- Part and remove the handle. Finish the end by hand off the lathe.
- We recommend using walnut, tung or other penetrating oils for finishing the handle.

Assembly

- Squeeze glue into the opening of the hole. Insert either end of the rod into hole. Let dry.
- Thread the lanyard through the hole in the handle. Attach the striker onto the lanyard. Use the anyard clip to lock over the braided ropes. ("See Dia. “C”)

How to Use

- Position the rod so that the tip is reating on the groung and the flint is facing up.
- Press hard on the striker with your thumb sliding downward along the flint towards the kindling.
- Klinding should be close to the tip of the fire starter.
- The FLINT sparks are hot enough to light any fine material such as moss, dry grass, pine needles, steel wool, cloth, paper, etc.
- Use the magnesium in wet or windy conditions or to enhance and accelerate starting your fire. It ignites more easily then klinding and burns white hot.
- Scrape the MAGNESIUM into shavings with the sharp edge of the striker, then pile together and ignite. The magnesium will burn a white hot fire of about 5,400 degrees.