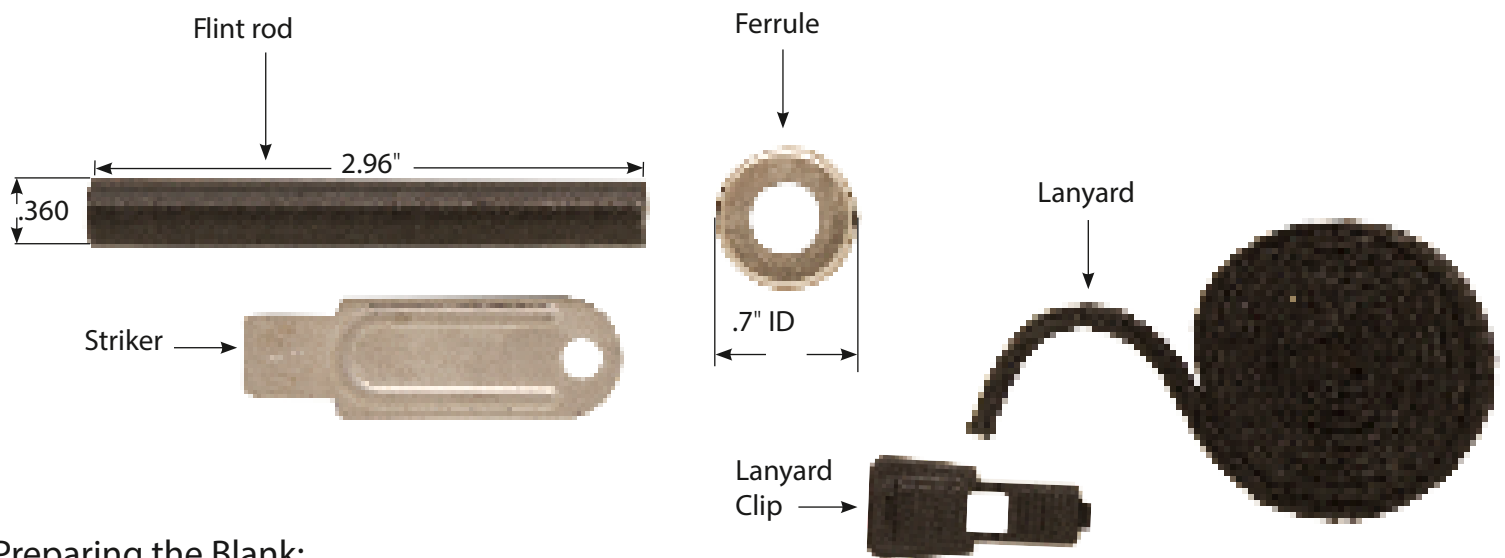# Fire Starter Survival Flint Kit

Kit Features:

• Use this instrument to strike
  fire outdoors - instead of matches
• Long lasting, multiple strikes
• Lanyard to carry and attach the stricker

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)
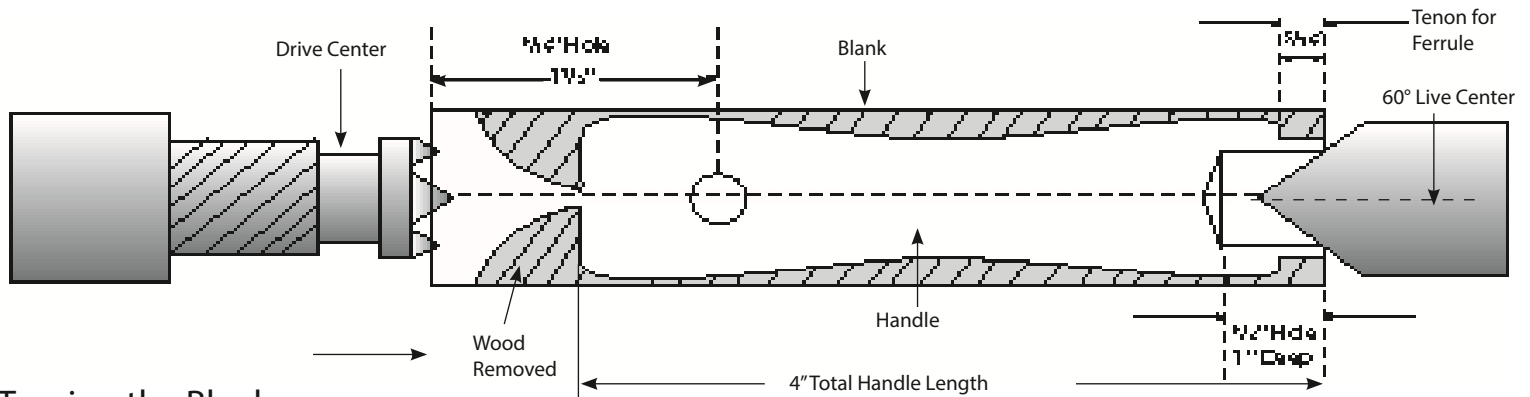• Mid-cure, epoxy glue

DIAGRAM A / PARTS LAYOUT

Flint rod

2.96"

.360

Striker

Ferrule

.7" ID

Lanyard

Lanyard
Clip

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.

DIAGRAM B / PREPARING & TURNING THE BLANK

Drive Center — Blank — Tenon for Ferrule — 60° Live Center — Wood Removed — Handle — 4" Total Handle Length
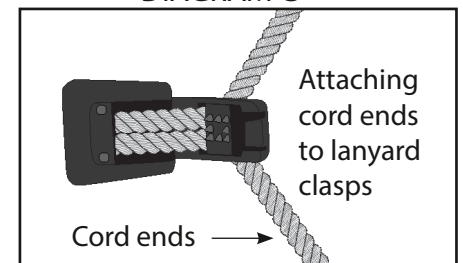
Turning the Blank

• 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 tenon to match the I.D. of the ferrule about .7" ("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 lanyard clip to lock over the braided ropes. ("See Dia." C")

DIAGRAM C

Attaching cord ends to lanyard clasps

Cord ends ⟶

How to Use

• Position the rod so that the tip is resting on the ground and the flint is facing up.

• Press hard on the striker with your thumb sliding downward along the flint towards the kindling.

• Kindling 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.

PSI Woodworking PRODUCTS