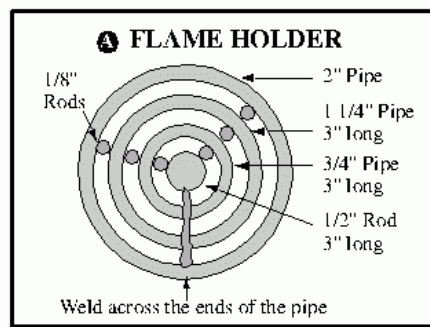
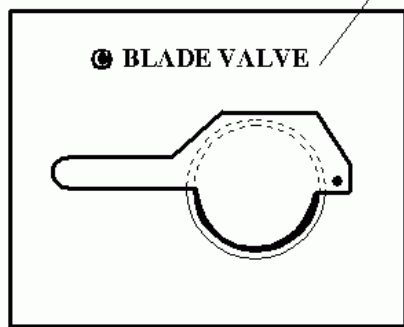
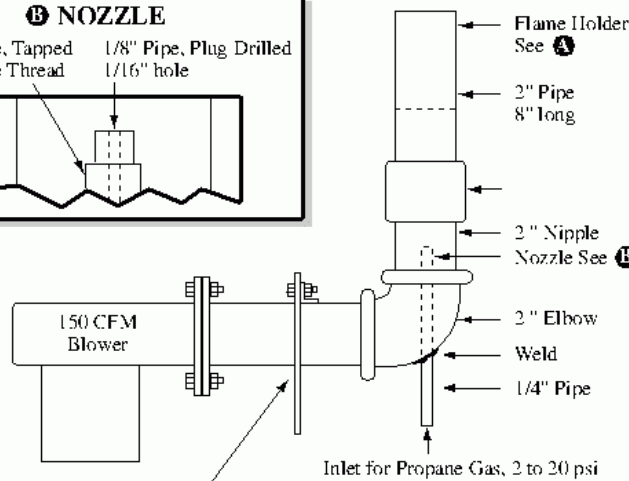
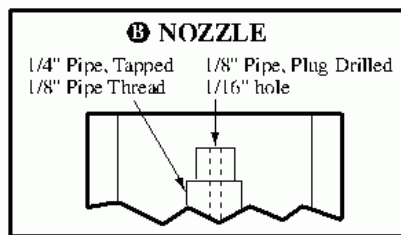
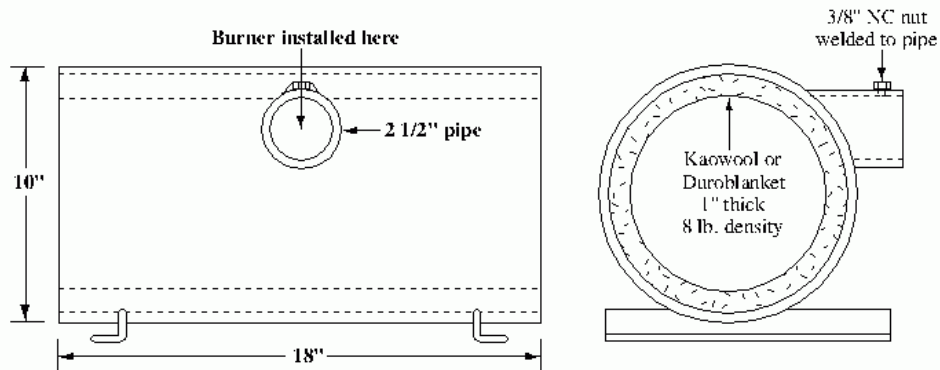


**GAS PIPE FORGE
Plan 1**



For instructions on the construction of this plan, see page 2.

Based on a design by Hans Peot

CONSTRUCTION OF THE GAS PIPE FORGE PLAN 1

Based on a plan by Hans Peot

This forge is made of a 10" x 18" pipe. It has a hole cut near the top. A 2 1/2" pipe is welded to the hole with a 3/8" NC nut welded to the top, the nut will accept a set screw to hold the burner assembly. This will allow the burner flame to barely touch the top of the Durablanket. The Durablanket is trimmed with a long knife to create a hole where the burner is placed. To close the ends of the forge, a simple door can be made with fire bricks placed at the ends. To protect the Durablanket from damage, fire bricks may also be placed on the bottom of the forge. The gas should be controlled with a gas regulator that provides pressure from 2 to 20 psi.

Starting the Gas Pipe Forge

1. Close off one end with fire bricks.
2. With the blade valve closed, turn on the electric blower.
3. Open the blade valve slightly.
4. **Stand away from the open end of the forge.** Light a piece of paper and with tongs, hold it in front of the flame holder.
5. Turn on the gas.
6. When the burner starts, adjust the air flow with the blade valve for minimum noise level.

After the forge has been operating for a few minutes, adjust the air and gas levels for maximum heat. This can be judged by observing the brightness of the Durablanket. An increase in gas pressure will increase the heat level.

**AS WITH ALL ASPECTS OF BLACKSMITHING,
THERE ARE DANGERS INVOLVED IN BUILDING
AND OPERATING A FORGE. IF YOU CHOOSE TO
USE THIS INFORMATION YOU DO SO AT YOUR
OWN RISK!**