

was close and many of us were standing around forges that we had fired up. The meeting of the Northeast area held at the Pioneer Art Settlement in Barberville found many members working at a forge as participants in Bill Stapleton's class in welding cable damascus. After being handed a wand (rebar with a piece of cable welded to the end) the work started. Those who listened and learned extend our thanks to Bill for putting it together. After watching Bill demonstrate the moment of truth had arrived. Being my first attempt to do this I was sure I would not be able to do it. With much help and encouragement from many members a billet was accomplished (I think). Will know for sure with the steps that follow. I have been told the work to follow is the hard part. Does that mean making the billet was easy? Time will tell. Further installments as my work progresses. Thanks again Bill Stapleton for all the effort in putting this together.

Accessories for Your Power Hammer

Steve Bloom, IronFlower Forge

Ok, so you've got a power hammer...and you finally got around to replacing the fullering dies with flat dies.... and maybe you put a brake on the hammer....now what? Flat dies are great for using tooling under the hammer (sure beats having the hammer take the tool out of your hand and throw it across the shop at warp speeds) but they can be a pain when you need to fuller. The solution is fairly simple if your bottom die is tall enough (which it will be if you make it with this idea in mind). Weld up a heavy 'ring' of steel (See Fig. 1) that clamps around the dies and weld a box (two pieces of angle iron, sistered together) to one side. Add a couple of lock bolts (and I strongly suggest the use of the lock nut as shown in Figure 1) and you now have a hardy hole on your hammer. Tools can be as simple as a fullering plate (Figure 2) or as elaborate as a set of spring dies. Use your imagination and after a while, you'll have plenty of obscure beaten up tools to mystify visitors to your shop.



Figure 8: Removable hardy hole

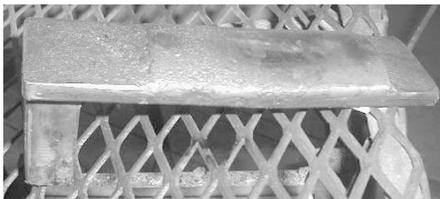


Figure 9: Fullering plate

Items from the 'Web

Contact info for Gerald Hawkins, as well the specs on the **firepots** available. The prices include the firepot, tuyere and clinker breaker, and are effective until 15 January, 2001.

Gerald Hawkins; 132 Weinland Dr;
New Carlisle, OH 45344; (937)849-6964

Small Pot: 8" x 11" at the top, 4" deep, ~3/4" thick
Wt: 60# (Coal box: 46#)

Price: \$182.00 + \$18.20(S&H)

Large pot: 8" x 14" at the top, 4" deep, ~3/4" thick
Wt: 67# (Coal box: 53#)
Price: \$199.00 + \$18.60(S&H)

He also has a round "Hawkeye Demo Firepot" with a 3/8" wall thickness. I have that info if anyone is interested. He advertises it as a lightweight firepot for demonstration purposes.

H13 Source: (As appearing on TheForge):

What's a good source for H-13? Preferably someone who will sell /small/ quantities? - Adam Whiteson

I got the following from Dr. Mark's supplier database a few years ago. I've dealt with these folks and they are great, and they sell small quantities. Phil Rosche

Burgon Tool Steel Co. Tide Mill Road Box 1510 Hampton, NH 03842 800-582-7223 (in NH) 800-258-7106 (elsewhere) 603-926-5704 fax 603-926-4994 A good source for small quantities of tool steel. They usually have the material and size you need in stock. Unusual orders are normally processed within 10 days..Contact Art Putnam. The sales people are quite knowledgeable about all the metals they handle. They have metallurgists that can be consulted in difficult problems. Burgon has produced a nice little book entitled "Burgon Tool and Die Manual" (FREE). It's probably one of the best practical guides for selecting tool steels and heat treating them.

Silver Pencils and beyond "So what do you blacksmiths use to mark your work? Originally I mentioned silver pencils in response to "what lens should be used when plasma cutting?" As "PlurnDon" admits he didn't want to appear uninformed about silver pencils. All he ended up doing was creating more interest in these pencils and getting others to share other marking methods. I think I mentioned this in my first response but at the risk of being run off the list will mention it again. Andy V. said silver pencils take heat well, I agree. I use them to layout my plasma cuts and the heat does not affect the silver marks. I will cut, leaving the line and then come back and dress the cut with grinding/sanding. Great way to end with a cut that looks like it was sheared. *Don Plumer*

Try a sharp piece of soft aluminum wire. Works like magic. Another thing you can try: make a WIDE mark with the Al, then scribe your perfect line down the center of it. The scribed line with show black against the steel when you bring up the heat *Roy Wilson*

Silver pencils are also easily available from: Utrecht Art Supplies,; 6 Corporate Drive, Cranbury NJ 08512; 1-800-223-9132. You can order them via the net also <https://catalog.utrechtart.com> They are 74¢ each and \$8.88 per' dozen. An other great marker and easy to get is PRESTO jumbo correction pens. Withstands the heat. Available at most office suppliers. *Peggy, Red Pepper Forge*