

STEAM HAMMER

Answers for the Welding test on Pages 10 and 11

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New Jersey Blacksmiths Newsletter

Tongs the Alfred Habermann Way

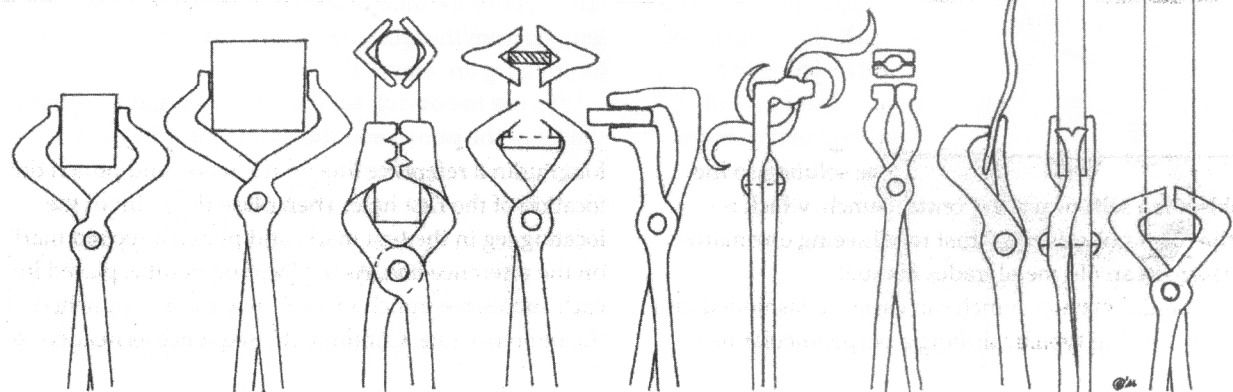
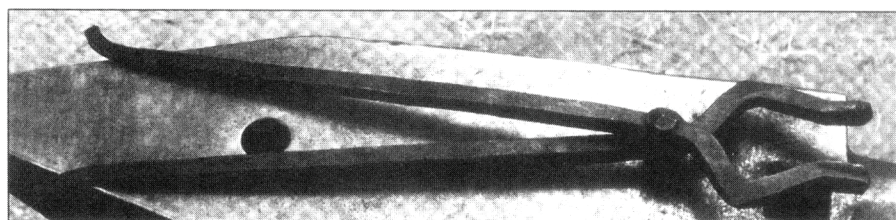
by Brian Brazeal, Ybbsitz, Austria

Prof. Habermann has developed quite an interesting and efficient approach to making tongs. He has many different designs for holding all types of stock but uses the same basic approach for most of them; he makes them out of a 1/2" coil spring. Of course, a larger spring is used to make tongs that will hold the heavier material and vice versa.

To make pick-up tongs for making hammers, begin with two pieces of coil spring about 12" long. (Refer to the first two illustrations below).

1. About 4" to 5" from the end of each piece, split and then drift a 5/16" to 7/16" hole for the boss.
2. Take a heat in the boss and jaw area, insert the drift, and with a striker holding the sledge near the boss on the rein side, make a 135° bend just above the boss on the jaw side.
3. Take a heat on the jaw area, and make a 90° bend.
4. To add strength to the bend, heat the 90° bend area and draw out the corner with a cross peen. This bend is the most notable part of the tongs. Habermann equates it with the physics of holding something out in front of you with bent arms as opposed to straight arms. It is one of my favorite of his techniques since it can be used in many situations for both structure and ornamentation.
5. Forge out the holding tip of the tong, bending 135° (in the opposite direction of the last 90° bend) over the near edge of the anvil, flattening about 5/8" to 3/4" of the material.
6. With a small 1/8" to 1/4" fuller, fuller in the center in line with the reins.
7. Draw out the reins, and bend the ends slightly to receive tong clips.
8. Match both pieces and rivet them together.
9. Free up the tongs by heating the boss area, and adjust them to fit the stock you will be using.

I have spent the better part of the last two years here in Europe, mostly with Alfred Habermann, himself, taking some of his classes, but mostly working with him on several projects in his shop. Last year my brother, Ed, and I also worked with his son, Alfred, Jr., in the Czech Republic, where we also completed a project of our own. (see California Blacksmith, September/October 2005) It has been a very interesting and stimulating time that would not have been possible without the support of the blacksmithing community, in particular the CBA. Upon my return to the U.S., I plan to demonstrate more of what I have learned. This one page article is reprinted from the California Blacksmith November/December 2006



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 EXPIRATION DATE _____

Join ABANA or Check out other area chapters!

Northeast Blacksmiths Association

Northeast Blacksmiths holds its meets twice a year at the Ashokan Field Campus in New York State.

The Ashokan campus is located in Olivebridge, N.Y., several miles west of Kingston, N.Y. The meets are held the first weekend in May and in the first weekend in October every year. The main demonstration is in the blacksmith shop and there is a "Hands On" workshop for beginners. A main demonstrator is brought in for each meet, food and bunk-house style lodging are provided as part of the cost of the weekend long meet.

Contact : Tim Neu

to register for hammer-ins

or subscribe to the newsletter;

Tim Neu, The Ashokan Center,

447 Beaverkill Rd.

Olivebridge, N.Y. 12461 [914]657-8333

For more info check out the web site;

<http://www.northeastblacksmiths.org/>

Join The Pennsylvania Blacksmiths Association!

Name _____

Address _____

City, State, Zip code _____

Home / work Phone # _____

E-mail (optional) _____

New Member ____ Renewal ____

Do you have any particular skills (welder, accountant, carpenter, doctor) that may be helpful to the group or membership?

Suggestions for PABA demonstrations

What is your skill level?

☐ Beginner ☐ Intermediate ☐ Advanced ☐ Professional

Membership paid by ____ Cash ____ Check # _____

Send your completed application with \$ 25 (one year dues) to;

PABA Treasurer, Jeff McComsey

124 W Franklin St. Strasburg, PA 17579

(make Checks payable to PABA)

PABA Membership Application

Membership is from Jan. 1 — Dec. 31

New Jersey Blacksmiths Newsletter

NJBA Board of Directors Election

The NJBA bylaws were recently amended to provide for a mail-in ballot for electing NJBA directors. Elsewhere in this newsletter, you will find your ballot and renewal notice. Please fill out your ballot and return it with your 2011-2012 membership dues. (Note that NJBA elections are not, nor ever have been, by secret vote. Your name is on your ballot so the board can confirm you are a member in good standing and that your vote should be counted – which you can insure by returning your ballot with your dues.) Ballots will be counted 30 days after this newsletter is mailed, so please be prompt in your response.

Our Thanks.

The NJBA Board wishes to express its sincere thanks to outgoing directors John Chobrda, Tim Suter, and Tom Eden for their many contributions over the past years. John and Tom have resigned and are no longer on the board, and Tim's name does not appear on the ballot, on his request.

John was the originator of the picnic at the Red Mill (the next rendition of which is scheduled for 11 Sep., 2011), and remained active in that until he moved to Delaware. We expect he will continue his activity with NJBA, especially at the Delaware City Day, Tuckerton, and Washington Crossing Engine show.

Tim has been a contributor for a long time, and you'll find his name as author of many articles and tips in past newsletters. Tim also has been very supportive of our meetings, and is renowned for introducing many of us to Joseph Fazzio's, Inc., in Glassboro. Tim has also been an active member of our sister group, PABA.

Tom introduced many of us to knife making, and we watched with awe as he tested his creations in cutting and bending tests. In the past year or two, unfortunately for NJBA, Tom had to limit his participation due to his need to devote his attentions to his business.

We wish all these contributors to NJBA all the best, and hope to see them and hear from them in the future.

The NJBA Renewal and Board of Directors Ballot is on the next page. Please fill this out and send in as soon as you can.

The date of your last renewal is on the mailing label!!!

If your date is 2009 or older this is your last newsletter!!!

NJBA Ballot and Renewal

Renewal

Name _____

Address _____

City, State, Zip

Phone Number (s)

Home _____ Cell _____

Email address _____

[] My check is enclosed for **\$20** (membership) or **\$40** (business membership).

Ballot

Please check a box for each nominee.

You should vote on all nominees.

Nominee

Nominee

	For	Against		For	Against
Marshall					
Bienstock	[]	[]	David Macauley	[]	[]
Larry Brown	[]	[]	Tom Majewski	[]	[]
Eric Cuper	[]	[]	Mark Morrow	[]	[]
Dave Ennis	[]	[]	Dan O'Sullivan	[]	[]
Bruce Freeman	[]	[]	Bruce Ringier	[]	[]
Bruce Hay	[]	[]	Eric Von Arx	[]	[]

Send To:

NJBA, P.O. Box 224, Farmingdale, NJ 07727-9998