

BAM

January / February 2020



January / February 2020
Volume 37, No 1

Blacksmith Association of Missouri

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The Newsletter of the Blacksmiths Association of Missouri is published six times a year and is mailed to members of BAM.

The annual fee for regular membership is \$30/year; a portion of this amount is for a subscription to this newsletter for one year. Editorial inquiries should be addressed to : Jon McCarty 815 Miller Street, New Haven, MO 63068; (636)432-4468,

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BAM membership inquiries should be addressed to: Bruce Herzog, 2212 Aileswick Dr. St. Louis, MO 63129 (314) 892-4690 or send email to bjherzog@charter.net. Occasionally some material will be copyrighted and may not be reproduced without written consent by the author. BAM welcomes the use of any other material printed in this newsletter provided the author and this organization are given credit.

Membership Application

Name: _____

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City: _____ State: _____

Phone: () _____

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E-mail: _____

New Member Renewal ABANA member

Are you interested in taking a class?

How did you learn about BAM?

ABANA Membership Application

Primary ABANA Charter Affiliation: _____

Name: _____

Address: _____

City: _____ State: _____

Phone: () _____ Zip: _____

email: _____

New Member Renewing Member

Includes a Subscriptions to the Anvil's Ring and The Hammers' Blow magazines

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Youth (Age 18 and younger)-----\$20 yr.

Foreign -----\$65 yr.

Business Membership-----+\$4 yr.

Contributory-----\$100 yr

Send this form in an envelope with your payment to:

BAM
C/O Bruce Herzog
2212 Aileswick Dr.
St. Louis, MO 63129

I _____ hereby apply for membership in the Artist-Blacksmith's Association of North America and enclose \$ _____

MasterCard Visa Check/Money Order

Card Number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Esp Date: (Required)

Checks must be in U.S. Currency

SEND RENEWAL TO:

ABANA Central Office

259 Muddy Fork Rd, Jonesborough, TN 37659

Dues Distribution:

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Adm. Offices & other ABANA projects (Conferences, ect): 31.5% \$11

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The Blacksmiths' Association of Missouri is an affiliate of the Artist Blacksmiths' Association of North America, and is devoted to the preservation and advancement of blacksmithing and to communication among blacksmiths in Missouri and surrounding areas. The Newsletter of the Blacksmiths' Association of Missouri's goal is to support these aims. Letters to the editor, tech tips, tools for sale or anything else which furthers these ends will be considered for publication.

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President Report

By: Steve McCarthy

The February meeting at Higbee was just what we have come to expect from Dale Kirby. It is really nice to have a winter meeting in a heated building big enough to accommodate us. Pat McCarty demoed and did an excellent job as always. Everything Pat does comes out nice, but have you seen his snakes? They were one of the things he showed us how to make. I don't think I have ever seen them made any better. They sure put to shame the 2 or 3 that I've done from horseshoe rasps. Aaron won Pat's demo leaf, he's pretty proud of it.

Conference time is coming up fast. Everything is coming together. The toolbox raffle is always a big part of conference and a good money raiser. We still need donations of tools for them, store bought or made in your shop. There are 3 boxes so items in sets of 3 are preferred. Tools can be brought to conference or sent with someone.

Jon and Heather McCarty are looking for someone to takeover as editor of the newsletter. They have done an excellent job and brought a lot of changes to the newsletter. The editor job is one of two paid positions

in BAM. It's not enough to retire on, but it helps. If this is something that interests you, talk to Jon and Heather.

We are also still looking for someone to takeover as president. It's really not that hard of a job, but it's somebody else's turn now. Give me a call and I'll tell you all about it.

Until we meet again, Happy Hammering.



2020 McCarty's New Year's Day Headache Hammer-In

By: Bob Stormer

Although 2020 can be used to define excellent vision, a popular news program by Barbara Walters, or the start of new decade, on Wednesday, 1/1/2020 it proved that those attending Pat McCarty's annual Headache Hammer-In showed great vision by being in the right place at the right time. Yes, I was one of those visionaries, but only because the only New Year's resolution I ever keep is to be at the Washington Forge on January 1st. I talked with 4 or 5 people who were there for the first time this year, and all seemed overwhelmed by the ambiance of the shop. If you have never been there on New Year's Day, I can suggest a New Year's resolution for you for next year. Pat started this year's party with a demonstration of making a heart using two forged nails that were each about 4" long. I missed the very first steps but I think he started with two lengths of 1/4" square stock about 3". He then drew a long taper to a point on one end, and left about 3/8" un-tapered on the other end that would be used to form the nail head using a typical nail header. He then proceeded to flatten the head using the nail header (Figure 1) and also put his touch mark in one nail head and a heart using a heart stamp in the second nail head (Figure 2). He then put the points of both nails in a vise and twisted the shanks together in a spiral that held them together (Figure 3) while he later separated the heads and bent them inward toward each other to form the top of the heart (Figures 4 & 5).

After Pat finished his demo, it was time to light the fire in the forge in the back room. John Sherman got a shovel full of coal from the box stove that was heating the shop to get the second forge started easily. Ken Jansen was on the hand crank blower to give the fire the air it needed. However, there seemed to be something wrong with flue pipe because it didn't draw right away and filled the back part of the shop with smoke. Some of guys went outside to realign the flue pipe and the smoke dissipated pretty quickly. With the second forge now operational, I saw about six different groups making the two-nail heart project, but I wasn't smart enough to check back with them later to get pictures of their results.

After a few hours of forging and visiting, Mary Jo and family members started bringing the famous pozole and ham & potato soup in (figures 6 & 7). Until then, we had been snacking on donuts, giant shrimp, and lots of desserts. Denny Quinn said the invocation and

the feed was on. I heard Michael Gorzel saying he didn't have the caterer lined up for the 2020 Conference yet, and I might suggest pozole and ham & potato soup. It's certainly an excellent way to start a year.

After lunch, Pat started making some leaves and made one from titanium. This was hard to work with, but Leaf Master Pat made it work. Even though the stock showed a lot of color for a long time, it got too hard to forge after just a few strikes of the hammer. (Figure 8) After about a dozen or more reheats, Pat had completed the leaf. He used his normal method of marking the location for the leaf stem and then drew the end to a point. He then flattened the leaf out and added texture with the cross peen of the hammer, followed by folding it lengthwise on itself to form depth to the main vein of the leaf. He added his touchmark and then began opening the fold with a chisel and adding shape to it. The only thing left was to cut it at the stem and shape the stem. The titanium didn't clean up too well with a wire wheel either, but Pat had a plan to finish it. (Figure 9)

After this demo, we lined up outside for a group photo that Pat's sister Karen set up. Following the photo, the forging continued and it was really good to see the young folks taking over the forges; some making the project two-nail heart, some making knives, and whatever they felt good about trying.

The final activity that I stayed around for was a demonstration of making a "Needle Bodkin" arrow head by John Murray. For those who don't know John, he's an expert on medieval weaponry, especially the British long bows. John started his demo with about a 12" piece of 1/2" round stock. He started by flattening 1" to 1 1/2" section that would form the socket for the shaft. After that section was flattened (Figure 10) John used a V-block (Figure 11) to start shaping the socket that would fit his arrow shaft. After completing the socket, he cut the stock off leaving about 1" to 1 1/2" of stock to shape the 4-sided needle point. (Figure 12) Drawing that to a point about 2" to 2 1/1" long completed the needle bodkin arrow head. (Figure 13) I believe John said he would normally case harden the tip of the point.

After John's demonstration, the activity that rang in the new year (literally) was subsiding and I'm pretty sure the McCarty family members were looking for-

ward to a nap. As I do every year, I will close by inviting everyone to take an opportunity next year to be part of this BAM experience and attend the McCarty Headache Hammer-In 2021.



Figure 1



Figure 2



Figure 3



Figure 6



Figure 4



Figure 5



Figure 7



Figure 8



Figure 9



Figure 10

2020 McCarty's New Year's Day Headache Hammer-In cont...

By: Bob Stormer



Figure 11



Figure 12



Figure 13

Headache Hammer-In / Photo Gallery





Meeting Minutes ~ February Meeting

By: Don Anders

Pat McCarty did a great demo making several items, (more than I can describe here in the meeting minutes) leaf key ring, small snake, eye punch, mule head, tong clip, chain link, and Clay Spenser style rail road spike wizard.

BAM president Steve McCarthy conducted the business meeting. BAM thanks Dale Kirby for hosting the meeting and providing the lunch. Dale again provided a fantastic venue for the meeting. I always enjoy looking around Dale's antique tool room display as well as the rest of his enterprise.

Steve reminded us that BAM needs a new president in May, that he has done his duty and is ready to retire. Jon McCarty also advised us that a new newsletter editor is needed that he and Heather have their hands full and would like to relinquish the editorship.

Bruce Herzog gave the treasurer report, members a bit down. BAM currently has 581 members.

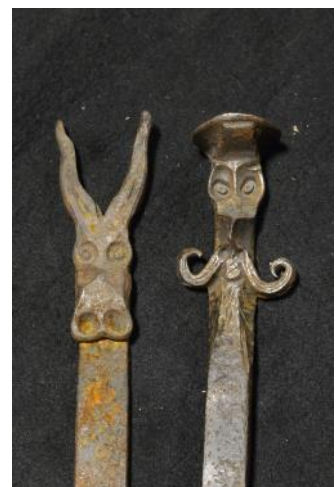
Michael Gorzel gave the conference report. The conference flier should be out soon. The intermediate MTS project will be a colonial table top candle stand. Michael is working to begin pulling together the 2021 BAM conference.

Chris Miller announced that the next BAM meeting will be March 28, 2020 at the Tom Kennon blacksmith shop, Doniphan Missouri.

Meeting adjourned

February Meeting / Photo Gallery





Iron In the Hat - February Meeting

Donated by

John Sainz
 Joe Sainz
 Joe Sainz
 Bruce Miller
 Joe Sainz
 Bruce Miller
 Rocky Carr
 Pat McCarty
 Donny Schilling
 Karen Bouckaert
 Pat McCarty
 John Huff
 Pat McCarty
 Patti Tappel
 Bob Eckert
 Willey Bagley
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 Willey Bagley
 Ashley Farnsworth
 Mike Smith
 Pat McCarty
 Bill George
 John Huff
 Karen Bouckaert
 John Huff
 Pat McCarty

Won By

Dale Kirby
 Hunter Harbit
 John Huff
 Mike Gorzel
 Dennis Quinn
 Don Anders
 Dale Kirby
 Carl Haak
 Dennis Marshall
 Steve McCarthy
 Arron McCarthy
 Colton Kiso
 Mark Lawson
 Dale Kirby
 John Sherwood
 John Dilsaver
 Donny Schilling
 Earl Million
 Mile McLaughlin
 Colton Kiso
 Ken Valdejo
 Mike Gorzel
 John Sherwood Demo
 Hunter Harbit RR
 John Sherwood
 Donny Schilling

Item

fire pot
 med carbon rods
 mower blades
 various fasteners
 med carbon rods
 bearing races
 drawer slides
 snake & tong clip
 road pins
 litter buckets
 demo leaf
 springs
 demo piece
 2 cups & skull cap
 no-till Coulter
 bearings
 tee shirt & Doo Rag
 old tools
 file
 large bolts
 old news letters
 beeswax & honey
 horse shoe
 spikes & bolts
 orange cleaner
 ABANA poster 2006

Trade Items ~ February Meeting



Made By: John Young
Traded To: Mark Lawson



Made By: Donny Schilling
Traded To: Chris Miller



Made By: Jon McCarty
Traded To: Dennis Marshall



Made By: Ken Jansen
Traded To: Donny Schilling



Made By: Christine Parker
Traded To: Don Anders



Made By: Don Anders
Traded To: Ken Valdejo



Made By: Bryan Parker
Traded To: Willey Bagley

Trade Items ~ February Meeting



Made By: Ken Valdejo
Traded To: John Dilsaver



Made By: Steve McCarthy
Traded To: Bob Ehrenberger



Made By: John Dilsaver
Traded To: Bryan Parker



Made By: Mark Lawson
Traded To: Jon McCarty



Made By: John Sherwood
Traded To: Ken Jansen



Made By: Bernie Tappel
Traded To: Matthew Burnett



Made By: Pat McCarty
Traded To: Santo Giuffrida



Made By: Dennis Marshall
Traded To: John Young



Made By: Chris Miller
Traded To: Christine Parker



Made By: Bob Ehrenberger
Traded To: Pat McCarty



Made By: Matthew Burnett
Traded To: Bernie Tappel



Made By: Willy Bagley
Traded To:

Scholarship Application

Name:

Address:

Phone & Email:

What class or event do you wish to attend?

Where:

What is the cost?

Tuition:

Travel:

Lodging:

Other:

Briefly, describe how attending the particular class/event will advance your blacksmithing skills and be helpful in promoting the craft of blacksmithing. Identify the specific skills you expect to learn during this learning experience. (Additional pages if necessary)

I understand that as a requirement of receiving this scholarship, I will be required to submit an article about the education experience attended with appropriate notes and diagrams to the BAM newsletter no later than 3 months after attending the event AND within 1 year of the event, I will present a demonstration of the newly learned skills at a BAM meeting or complete a video to be placed on the BAM library. One third of the total scholarship amount will be awarded before the event, one third on submission of the article to the newsletter editor, and one third after presenting the demonstration at a BAM event.

Signed _____ Date _____

Send Scholarship applications to:
Mike McLaughlin, 122 Milwaukee, Lawson, MO 64062
cowpie42@hotmail.com 816-296-3935

This page may be printed

Obituary of Anthony Oran “Tony” Brooks

Anthony Ornan “Tony” Brooks, age 58, of Roach, Missouri, passed away Saturday, December 14, 2019 at Macks Creek, Missouri. Tony was born January 26, 1961 in Jerseyville, Illinois, the son of Delbert Brooks and Shirlye Dixon. On October 16, 2005 in Aztec, New Mexico, Tony was united in marriage to Sheri Heath. They shared 14 years together as husband and wife at the time of his passing. Tony was a man of dynamic personality. First and foremost he loved God. He was an old soul and a true cowboy at heart. He was a gifted blacksmith and he loved living a life that reflected that passion. He wrote amazing cowboy poetry and was an auctioneer who especially loved doing benefit auctions to raise money for causes he cared deeply about. Tony also had a deep love for horses, especially draft horse teams. He was active in the AA community and just celebrated his 29th year of sobriety. He loved his family deeply and would say that they were his greatest pride and joy in life. Tony was a lov-

ing husband and father and a great brother, friend and neighbor to all who knew and loved him. Tony is survived by his wife, Sheri, of the home; his sons, Tyrell Brooks of Albuquerque, New Mexico, Wyatt Brooks of Roach, Missouri and Zane Brooks of Roach, Missouri; his daughter Daysha Brooks of Roach, Missouri; his brothers, Steve Brooks of Buffalo, Missouri, David Brooks, of Kaiser, Missouri, Douglas Brooks and wife, Barbara, of Stockbridge, Georgia, and Jeff Brooks and his significant other, Sharon Woods, of Albuquerque, New Mexico; his sisters, Katherine Abernathy of Bloomfield, New Mexico and Alicia Morris and husband, Delbert, of Resaca, Georgia; along with a host of other relatives and friends. Tony was preceded in death by his parents, Delbert Brooks and Shirlye Phillips. Services were held at 2:00 pm, Sunday, December 22, 2019 at First Baptist Church of Macks Creek, Macks Creek, Missouri. RIP Tony. You will be missed.



Next Meeting: March 28, 2020



BLACKSMITH'S ASSOCIATION
OF MISSOURI
MARCH MEETING
SATURDAY, MARCH 28, 2020
8:00 A.M - 3:00 P.M.

**AT THE
TOM KENNON BLACKSMITH SHOP
AT THE PIONEER HERITAGE
HOMESTEAD
IN DONIPHAN, MISSOURI**



(One Block South of Courthouse Square)

Trade Item: "Candle Holder" (Free Standing or Wall Mounted or Hand Held)

Demonstrations by Chris Miller and Matt Dickson

Coffee and Donuts in the A.M.

Lunch Will Be Served.

REMEMBER "IRON IN THE HAT"

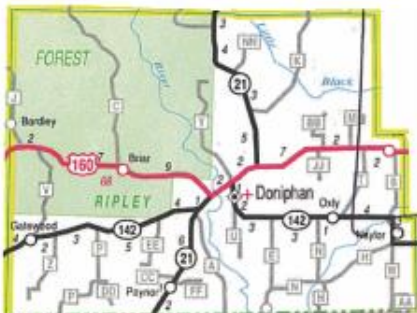


Check Out Our Web Page At:

<https://www.doniphan.org/blacksmith-shop>

CHECK OUT LODGING INFORMATION AT:

<https://www.doniphan.org/new-page-2>



Doniphan is a 2.75 Hr. Drive From I-270 at I-55 in St. Louis –South on 155 to US67, then South to US160, then West on US160 24 miles to Doniphan. (All 4 Lane Divided Highway to US160)

Doniphan is 3.0 Hrs. Drive from US65 at US60 in Springfield-East on US60 to MO21, then South on MO21 30 miles to Doniphan (All 4 Lane Divided Highway to MO21)



UPCOMING EVENTS

April 18, 2020 MTS class at Ray Scotts

April 25, 2020 MTS class at Ray Scotts

April 2020 - Meeting Donaphin - no date set yet.

April 30 - May 3, 2020 - BAM conference

May 15-16, 2020 - AACB Blacksmithing Conference- Murfreesboro, TN

June 2020 - Meeting Steve McCarthy - no date set

August 2020 - Meeting Willy Bagley - no date set

Sept 17-20, 2020 - Quadstate Blacksmithing Conference - Troy, OH

Oct 17-18, 2020 - Salt Fork Blacksmithing Conference - Sulphur OK

Oct 24, 2020 - Phil Cox tool auction (date may change) - Hamilton, MO

If there is an event that is not listed or a meeting that you are interested in hosting please contact us at BAMediator2015@gmail.com.

Forged Boxer Dog

Article & Drawings by James
Cooper

Reprinted with permission from the Prairie Blacksmith Association

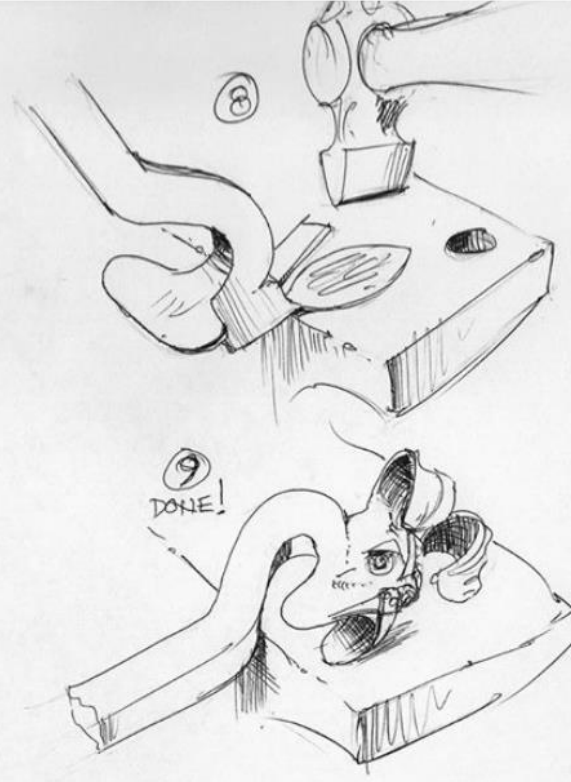
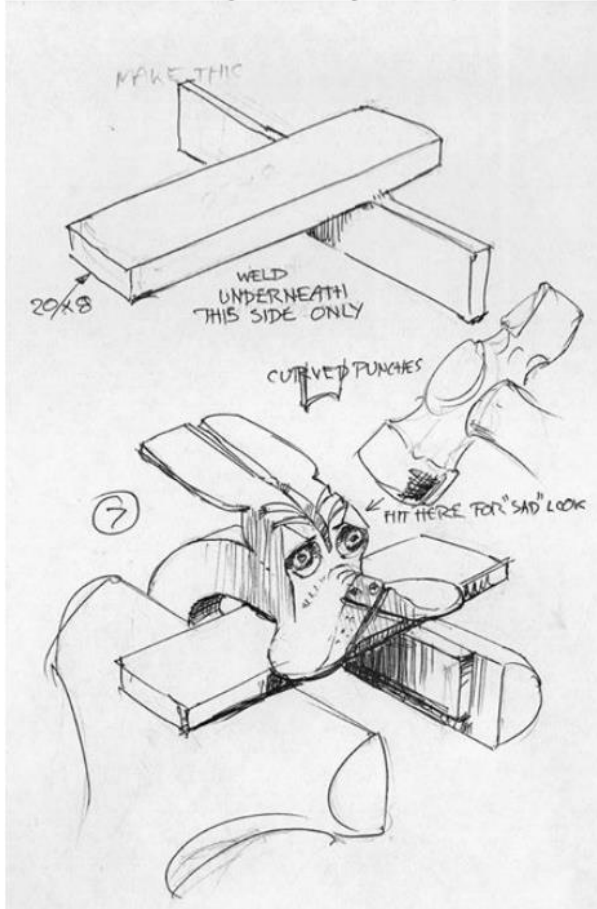
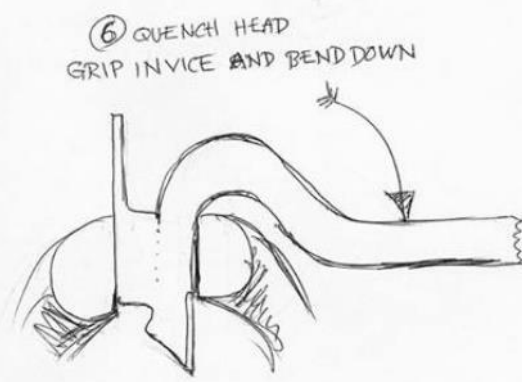
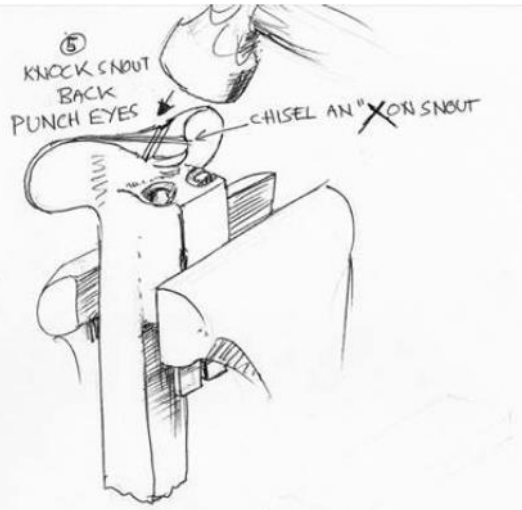
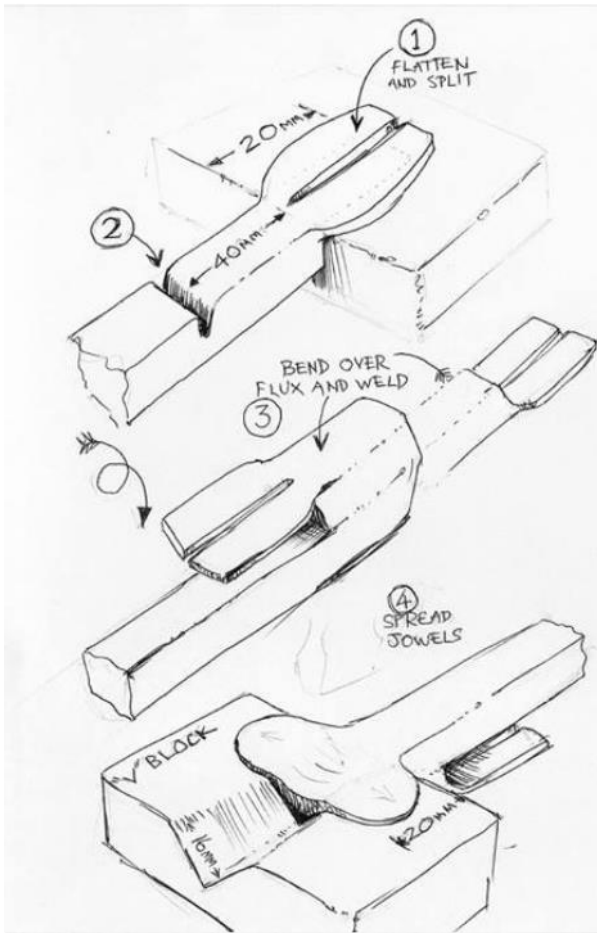
I was surprised at how many people were interested in the boxer-dog forging, some wanted to know the process so I have done a sketch of the basics for anyone who is interested. Of course no two ever come out the same. Keeping the snout short is important and also knocking down the corners of the eyes to give the sad expression.



Editors Note,
To convert millimeters to inches
divide the mm by 25.4.

Example; $40/25.4 = 1.575''$





WHY H13 IS A GREAT STEEL FOR A HOT CUT OR PUNCH

Reprinted from IRON TRILLIUM FALL 2012

To give credit where credit is due, the first time I heard this, it was at a demonstration Lloyd gave in Waldie's. At the time, while I deferred to Lloyd's experience and expertise and beloved him, I didn't fully understand why it was true. As a result, I didn't try using H13 until fairly recently. As time went by, though, I had heard other blacksmiths talk about different kinds of steel and I was lucky enough to win various pieces of 4140 and 4340 in some Iron in the hat draws, so it eventually sparked enough interest to do some reading about it.

There are still a number of gaps in my knowledge but based on what I learned, I started with a thought experiment to determine what the best tool for hot work would be. Normally, when you temper a tool, you bring the temperature up to the straw /purple range, which is somewhere in the 430 F to 520 F range, and lock it in by quenching in water or oil, depending on the steel (eg. Water 1045, oil for 5160). Having done so, though, we then lay a piece of steel that's about 1900 F on it and hammer on that steel for a while, driving our carefully heat treated piece into it like a wedge. Or we might punch our carefully heat treated tool into our very hot piece, surrounding it on to all sides with that hot steel. As we do so, that 1900 F is bleeding into our tool. If our tool is well polished and we are paying attention, we might notice, from a distance, when it hits purple and have enough time to quench it. If not, it might turn blue, grey, red, or even orange before we notice, ruining the temper. Knowing me, I'd probably quench it and keep using it anyway, but this won't be very good. The edge will mush (deform) the first time I use it, and I'll have to continually grind it to reform the edge until I finally break down and heat treat it properly again.

That means that these steels can stand being brought pretty hot and still keep their temper, still be hard and resistant to deformation. You are far less likely to ruin them, although obviously you'll still want to be careful to cool the tool down between uses, particularly on the ends. From this, we can see that steels like H13, A2 and S7 are the best candidates for hot tools. But heat resistance isn't the only category we want to measure. Our next consideration is toughness. A2 is only rated Fair on the toughness scale, and if I'm going to be beating on a tool with a hammer, I'm thinking it should be at least Good, so we can rule out A2. 4140 and 4340 are Good on the toughness scale, making them good for cold work, but they don't have enough temperature resistance for hot work, so we can rule them out. H13 and S7 are both rated Excellent on the toughness scale. H13 gives us better hardness at a higher temperature, so we'll give the nod to H13 as our winner.

Life rarely gives you anything for free, though, H13 does have a number of drawbacks. H13 is pretty expensive, hard to come by, and rates a Difficult on the formability scale. What is the formability scale? Again, I'm no expert, but from my experience, I think a better name would be the "you-have-to-beat-the-crap-out-of-it-to-get-it-to-move" scale. H13, like S7, 1045 and 40140, only rate a Fair on the weldability scale. You can't use the magnet test when hardening H13, its hardening temperature is way up at almost yellow, at 1850 F, so you need to do that by eye or, better yet, with temple sticks (S7 hardens around orange / light orange; 4140, 4340, and 5160 are around light cherry / light red).

Finally, H13, like S7, is an air hardening steel, so you can't quickly quench it when it does start to get hot. Despite those disadvantages, though, this thought experiment turns out to be true in reality. I ran across a bar of H13, made some tools out of it, I have found H13 to be the best steel I have used for hot work. That's not to say that other steels can't be used and work just fine, it's just that H13 seems to work better. So yes, the short version of the story is that I should have just listened to Lloyd.

David Brandow

This article is reprinted courtesy of the New England Blacksmiths newsletter Fall 2019, Originally from the Iron Trillium Newsletter Fall 2012.



**2020 Blacksmith
Conference by
AACB – Now Celebrating
55 Years!**

May 15-16, 2020

**Cannonsburgh Pioneer Village
in
Murfreesboro TN**

Featured Demonstrators

- Ellen Durkan, Artistic Sculpture
- Dave Custer, Colonial/Toolmaking

AACB Demonstrators

- Mike LaMarre, 1,000 Twists
- Lee Oates, Knife Making
- Rob Robinson, Tomahawks

Family Programs

- Barbara Boone, Basket Making
- Penny Wayne, Leather Knife Sheath
- Green Coal Classes

The AACB Conference is well-known for its numerous **Vendors and Tailgate Sales**, and for a great **Iron-In-The-Hat and Auction**.

For more information, please visit website:

www.aacblacksmiths.org

Register online w/PayPal, Credit Card, or
use mail-in form from website.

Coal Stations

Price per bag:

BAM Members \$15.00

Non Members \$20.00

Member's pickup at Bob Alexander's - \$13.00

Coal keepers earn \$3.00 per bag

Bags are approximately 50lbs. each



BAM Coal

1. Bob Alexander (636) 586-5350
14009 Hardin Rd.
DeSoto, MO 63020
2. Ken Jansen (636) 295-5844
2257 Carter Rd.
Moscow Mills, MO 63362
3. Doug Clemons (660) 631-1257
29377 Durango Ave.
Malta Bend, MO 65339
4. Jerry Rehagen (573) 744-5454
390 Bozina Valley Trail
Freeburg, MO 65035
5. Joe Hurley (660) 988-8872
or (660) 626-7824
26306 State Hwy D
Downing, MO 63536
6. Bob Maes (573) 866-3811
Route 1 Box 106 K
Millersville, MO 63766
7. Bryan Lillibridge (660) 638-4536
1545 NW 300
Urich, MO 64788
8. Bill George
19133 LIV 355
Chillicothe, MO 64601

Non BAM Coal

- A. Tim Johnson, Springfield, MO 417-886-8032 - \$.40/lb. check, \$.35/lb. cash. Bring your own containers.
- B. Good blacksmithing coal for sale \$12 per approximate 50 lb bag with bulk delivery available.
Matthias Penn Rt. 1 box 479-S Ava, Mo. 65608. (417)-543-2148.
Or e-mail tytheblacksmith@yahoo.com.
- C. Coal for sale \$15 per approximate 50 lb. bag. Missouri School of Blacksmithing
Matthew Burnett 816-575-2798, 3100 NW Winchester Rd Cameron, MO 64649

Coal Specifics

A few notes on our coal:

- 1) Not all coal is created equal. The coal we buy is from the West Virginia to Pennsylvania vein and is a high metallurgy grade unlike coal from other areas.
- 2) Raw coal from the bagging company is stored outside which allows it to get rained on, (rain is water which weighs 8.4 pounds to the gallon). If the coal is bagged wet and then dries out the weight will change.
- 3) The coal fines which when mixed with water to form a paste burns along with the chunks of coal but during shipping and handling may sift out of the bags causing a weight loss.

So, the bottom line to all of this is we are selling coal in approximately 50 pounds bags.

BAM Tailgate

Buy, Sell, Trade

Individual Classified ads:

For Sale: Century old—dated 1901 Champion #400 Blower / hand crank, works well. Blower forge Co. Nancee 573-392-5533

BAM Books from Jan/Feb 1994 - Present & binders for sale. Contact James Conway 563-366-4244

Commercial / Resource ads:

Beverly Shear Blades Sharpened. Remove blades from shear and ship to Clay Spencer, 73 Penniston Pvt. Drive, Somerville, AL 35670 \$41 includes return postage, additional cost for deep notches or blades previously sharpened at angle.

Little Giant-- We can do repairs on any or all components of your Little Giant front assembly. Contact Roger Rice, Midwest Machine, 6414 King Road, Nebraska City, Nebraska 68410. (402) 873-6603

Roller Blade Treadle Hammers (Clay Spencer design) for Sale or Workshops led to build hammers. Bob Alexander, e-mail to scruboak4@netzero.com, or call 636-586-5350.

Information / Education:

Missouri School of Blacksmithing

Cameron, MO

Instruction by Matthew Burnett

Group and Individual classes offered.

816-575-2798

Beginner & Intermediate classes:

Beginner and Intermediate classes are being held at Mueller Industries (via Craft Central), 12951 Maurer Industrial Drive, St. Louis, MO 63127

To see class listings or to register for classes, visit our website, craftstl.com

For more information call 314-842-0796 or email;

Brendan@muellerstl.com

Tong Making Class-Weekend Course, 4 people per class - \$125 per person. Contact: Charles Comstock, Rt.1 Box 20, Deerfield, MO. 64741 (417) 927-3499, or (417)-321-2286 cell

Back issues of Jerry Hoffmann's Blacksmith's Journal, Call 1-800-944-6134 for more information.

Classes offered, The Ornamental Iron Shop
Contact the instructor to register and customize your class.

John D. Thompson – Metalsmith
3923 Hwy 25; Hodges, SC 29653 864-374-3933

Classes at Pieh Tool Company, Inc. - Camp Verde, AZ

The Bill Pieh Resource for Metalwork.

Call now for more information and to enroll:

(928) 554-0700 or (888) 743-4866.

www.piehtoolco.com.

Mathias Penn is offering introductory & beginning blacksmith classes. 417-543-2148

Tytheblacksmith@yahoo.com

oldschoolcrafts Blacksmith School, Joe Davis
12625 Lawrence 1175, Mt Vernon, MO 65712 phone
417-461-0387 on the web www.oldschoolcrafts.org E-Mail oldschoolcrafts@hotmail.com

David Norrie blacksmithing school in Colorado

David Norrie 303-859-0770 <http://>

www.forgewithintention.com

or <http://www.davidnorrie.com>

The Upper Midwest Blacksmiths Assoc (UMBA)

video library. An index list can be viewed at

www.umbaonline.org

They are VHS or DVD-R Cost is \$5 each with \$2 per order shipping there is no return date, you keep the video for this price. All videos are made at group demos, no commercial titles.

Blacksmithing E-books on CD

Now eight titles are available on CD, \$4/each, or all eight books, \$24 postpaid. More books are in production and will be available soon- order on-line at www.blacksmithingebooks.com, or check/MO to Brian Gilbert, 3404 Hartford Dr., Chattanooga, TN 37415.

Tire Hammer Plans by Clay Spencer

Send Paypal for \$30US to clay@tirehammer.com. Or check/money to 73 Penniston Pvt. Dr., Somerville, AL 35670. I can mail a copy or email PDFS.

Beverly shear blades sharpened. Remove blades, mail in small Flat Rate box, include check/money order for \$50, includes return postage. clay@otelco.net, 256-558-3658.

New England School of Metalwork

www.newenglandschoolofmetalwork.com 1-888-753-7502

Power Hammer page

I've taken some time to collect and post old info, catalogs and brochures on power hammers. The link of our NEB web page to this information is: http://www.newenglandblacksmiths.org/power_hammer_info.htm Ralph Sproul

Rochester Arc & Flame Center! Featuring Blacksmithing, Welding & Glass Blowing, over 30 classes available for all levels of interest, rocafc.com 585-349-7110

Products:

Forge-Aprons offers seven different styles of leather blacksmith aprons; the Original bib, the Short bib, the Full-Cut bib which offers greater chest coverage, the Lap apron, two sizes of Kid's aprons, a Budget apron and our brand new, limited edition Flame apron which features flame imprinted buckles and an anvil engulfed in flames on the logo pocket. www.Forge-Aprons.com

Heavy-Duty Fry Pan Blanks 9" diameter, tapered sides 12

Or 13 gauge steel (approx. 2 pounds) no predrilled holes for the handle \$14.00 each..1-4, \$12.00 each.5-9, \$10.00 each...10+. Shipping: \$5.00 plus \$1.00 each frypan Bob Tuftee 563-349-3369 21718 277th Ave LeClaire, IA 52753

L Brand Forge Coke now packaged in 50 pound bags on pallets. Send your zip code for a quote on price including delivery. 1-678-360-3521 or LBrandForgeCoke@aol.com.

Chile Forge- Next generation gas forges www.chileforge.com David Starr 520/360-2141

Kayne and Son Custom Hardware, 100 Daniel Ridge Road, Candler, NC 28715. (828) 667-8868 fax (828) 665-8303, e-mail:

kaynehdwe@charter.net, web site:

www.blacksmithsdepot.com.

Offering a full line of blacksmithing equipment. We ship and accept Visa and Mastercard.

D.L. Schwartz Co. Blacksmith and Farrier supplies. 2188 S. US 27, Berne, IN. 46711, 1-800-955-3064

SOFA fire pots are once again available. For information contact Bob Cruishank, 1495 W. Possum Rd., Springfield, OH. 45506 Phone: (937) 323-1300 or www.creativeironforge.com or www.sofablacksmiths.com

USA Dealer for REFFLINGHAUS ANVILS, 77 to 1250 lb. European 2 horn with or without upsetting block & side shelf. Over 100 sizes and styles available. Guaranteed face @ HRC59
Dick Nietfeld www.blksmith.com Phone (308) 384 1088

Custom T-shirts

Contact Heather & Jon McCarty if you are wanting custom t-shirts with your logo. We are able to produce custom vinyl, screenprint, or sublimated products. Contact us at hmcrafty@gmail.com or 636-359-1232. visit us on FB at **Craf-Tee Creations**

Wanted:

Blacksmith business cards. I would like to put together a collage of Blacksmith business cards. Bring them to a meeting or mail them to me with your dues. Bruce Herzog 2212 Aileswick St. Louis, MO 63129

Demonstrator List

Fred Weisenborn has started a list of members available for demonstrations, fairs, historic events, and festivals, etc. 417-589-2497 e-mail: jweisenb@llion.org

Around the Anvil BAM has its very own E-Mail news group. If you would like to participate there is a sign up link on the bamsite.org or send an E-Mail to Terry Humphries at thumphr@south40.org and he will get you signed up.

Check out back issues of BAM newsletter on www.bamsite.org. It now has a search feature to help you find old articles.

Ad Policy: Blacksmith related ads are free to BAM members. Personal ads will run for two issues. Resource ads are ongoing at my discretion. Send to BAMeditor2015@gmail.com, or call 636-432-4468

BAM
2212 AILESWICK DR.
ST. LOUIS MO 63129

Please send changes to Bruce Herzog, 2212 Aileswick Dr., St. Louis MO 63129 or e-mail to bjherzog@charter.net

For Next Meeting map, see page 14 of this Newsletter.

