

RAM

November/December 2021



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Blacksmith Association of Missouri

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The annual fee for regular membership is \$30/year; a portion of this amount is for a subscription to this newsletter for one year. BAM membership inquiries should be addressed to: Dennis Marshall 13410 A Highway, Liberty, MO 64068 busyman512@outlook.com 816-645-7237

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Membership Application

Name: _____

Address: _____

City: _____

State: _____

Zip: _____

Phone: () _____

E-mail: _____

New Member Renewal ABANA member
\$30 per year

Are you interested in taking a class?

How did you learn about BAM?

Memberships are for one year from receipt of dues. Dues are \$30, which includes a subscription to the bimonthly BAM newsletter. Please make checks payable to Blacksmith Association of Missouri

ABANA Membership Application

Primary ABANA Charter Affiliation: _____

Name: _____

Address: _____

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State: _____

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New Member Renewing Member

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

Membership: Renewal **New Membership** *For Annual Membership-Renewal Date in One Year*

Digital \$55 / yr. Available world-wide, including North America. Publications will be sent digitally to the member's e-mail address on file. No print copies will be mailed.

Print \$65/ yr. Available in North America only (USA-Canada-Mexico). Publications will be mailed.

Membership includes FREE placement in a searchable 'Find a Blacksmith' database to connect to opportunities.

Check here to be included in the searchable on-line 'Find a Blacksmith Directory'

Presidents Letter

Hello BAM Members, hope you are doing well. We had another good meeting on December 4, 2021 at Caliber Collision. Bob Alexander gave a great demonstration which was timely for the season and the Dickson's were wonderful hosts. We had over fifty in attendance. So be sure to check out the demo write up and photos in this newsletter.



At the meeting we were excited to announce the 2022 Conference Flyer is on our website. It is also at the printers and expected to be mailed soon. Please take a look at it and remember to pre-register as well as make your lodging accommodations sooner than later to get your choice.

The next task in preparation for the conference, will be scheduling volunteers. We will need them for the setup, operating the Gallery, the demonstration sites, serving food, and many other tasks. You will be hearing more about that in January.

Also, we are still in search for a person to run for the Secretary position in May or sooner. Please contact Steve McCarthy if you have questions or may be interested.

Look forward to seeing those that can make the February 5th Meeting in Higbee MO. Remember to keep the rust off the anvil by using it.

Santo



Matt and Jennifer Dickson.
Hosts for the meeting.



BAM Meeting Minutes December 4th, 2021 Submitted by Bob Stormer

President Santo Giuffrida thanked Bob Alexander for demonstrating, and Matt Dickson, his wife, and Caliber Collision for hosting the meeting.

Membership Report: Dennis Marshall was unable to attend so Santo presented the following information provided by Dennis:

October 8th – 562 Members

New / Rejoined – 13 Members

Removed - 14 Members

Net Members 12/1/21 = 561 Members

Treasurer Report: Treasurer Chris Miller give a report on our financial status. We remain in good shape financially, with coal sales making up most of the recent monthly income.

Before Conference Chair –Mike Gorzel provided the detail status, Santo let everyone know the flyer is complete and at printer. It is on the BAM website. Special thanks to Larry Hults for getting it into publishing format and Dennis Marshal for getting the mailing list together, and thanks to Bernie for getting it on the website.

Michael mentioned the three demonstrators: Kirk Sullens, John Lovin, and Lyn Rhea. He also gave a brief summary of the family classes being offered: Mary Jo McCarty's basket classes and Tami Bagley's stained-glass class. Michael also reminded everyone the classes fill up fast so don't delay registering for them. Credit cards will be acceptable at the conference this year.

There will be two tool boxes in this years raffle and Michael solicited members to contribute hand-made or purchased tools. He also said there will be a new 165# Refflinghaus two horn anvil in the raffle. Raffle tickets will only be sold at the conference.

Although Michael likes to use local businesses for the conference, he was unable to find a caterer. Since Bandana's helped us with a last-minute fill-in last year, they will provide the food again this year. Michael also wants to have cameras available at each demo station to be able to show close-up videos of the demos. He asked for anyone who has a camera they'd be willing to loan to the conference to contact him.

Support for the Gallery and Boutique are always needed. Any items displayed in the gallery may also be for sale or donated to the auction.

Mike McLaughlin will send the flyer/link to other ABANA affiliate newsletter editors.

Beginning in January Michael will begin looking for volunteers to help with site support,, set-up, cleanup. the gallery, etc.

Also remember this is our 30th anniversary and will have free registration for BAM members, but you must register before April 1st, 2022 to take advantage of that.

MTS Chair Don Anders said he needs help with two boy scout troops scheduled to train for their metal work merit badges. One is March 12th, 2022 and the other is April 9th, 2022. There will also be MTS classes at Eminence on March 19th and 26th that will also need help. There are two Beginning blacksmithing classes at the conference, and he could use an assistant to help Mathias Penn with his class.

We have ordered and received spare tire for Conference Trailer. Orry has checked that it fits. Outstanding item completed.

Reminder January 1, 2022 Headache Hammer-In at Pat McCarty's forge in Washington, MO. Reminder the next meeting is February 5, 2022 in Higbee, Mo. Trade item is a trivet. The following meeting will be April 2nd at Doniphan and the trade item is a decorative poker.

2022 State Fair dates have been announced August 11 thru August 21 for those interested in helping at the BAM booth.

Remember if holiday shopping on Amazon don't forget to use AmazonSmile and consider making BAM your charity.

Santo mentioned again that the BAM Secretary, Bob Stormer, wishes to be replaced. Anyone interested contact Steve McCarthy at 417-260-1861 or Bob at 636-734-2693 if you have any questions about duties. You must have been a BAM member for one year and it's recommended that you have internet access.

Bob Alexander mentioned that Tom Gipe has died and also suggested we consider a plaque to list the names of deceased members who have made a significant contribution to BAM. He also suggested an increase in the price of BAM coal to more adequately cover the effort of the storage and handling by himself and the coal keepers. He followed up that we are out of coal now. Both topics will be addressed at the December 12th BAM Officers ZOOM meeting.

There were two new members at the meeting and some question about the conference came up. The conference is always held in Sedalia, MO in the State Fair Swine Pavilion. The dates are 4/28 – 5/1. Don Anders explained the Thursday Phil Cox Memorial Pot Luck. Everybody is welcome, just bring some food to share.

The meeting was adjourned.



2021 Conference Demonstrators

Kirk Sullens

Kirk Sullens has been a smith for 30 years, and a full-time professional blacksmith for over twenty-eight of them. Best known for his wildlife creations, which decorate Bass Pro Shops/Outdoor World stores throughout the United States and Canada, he is now based near Orlando, Florida. An artist-blacksmith by trade, Kirk is inspired by the beauty he sees in the ordinary details that surround him. He uses his skill and creativity to transform unyielding iron into a vast collection of delicate and powerful works of art. Kirk enjoys passing along the art and craft of blacksmithing through teaching and demonstrating. He has worked with aspiring smiths of all ages, from absolute beginners to those seeking to broaden or deepen their skills. Kirk is a past BAM president, alias El Presidente.

Lin Rhea

I've always appreciated the look and feel of a good knife. Being raised in a county setting, a knife was a necessity, not just for looks. When I found out about the bladesmith school in Old Washington, Arkansas, I was amazed that there was such a school. At first, I tinkered making knives, but wasn't happy with the results. Finally, my wife, Kay insisted that I attend a class with the school. It was the most interesting two weeks of learning I can remember. Joe Kessler and Greg Neely shared their love for the forged blade. A year later I was able to take the Damascus class under Bill Fiorini. This broadened the possibilities. My favorite steels to use in my knives are 5160 and 1084 for carbon blades. For My Damascus, I like L-6 and 1095, 1080 and 15N20. I don't farm out any aspect of my knives. I do all the work on my knives and believe this will advance my skills and set my knives apart.

I am a member of the American Bladesmith Society with a Mastersmith rating, which I received in 2009. I am also a member of the Arkansas knifemakers Association.

John Lovin

I began blacksmithing in 1981, learning through practice, hammer-ins, and conferences, plus I have had several mentors that guided me along the way. Our work is anchored in the traditions of the small town, small shop blacksmith, ready to accept any work that comes through the door, but having our regular stock items.

We attend 12 - 20 craft shows annually, plus keep a retail store stocked. Our demo will showcase 25 - 30 of our best-selling items, products that can be produced with a minimum of tools and tooling. We will discuss how to choose good craft shows, develop a product, and dealing with the public. We will discuss the business side of blacksmithing, paying taxes, and issues such as liability and insurance.

If you are interested in selling ironwork as a part time or full-time venture, our demo and discussion can help you through some of the pitfalls.

To Celebrate our 30th BAM conference, members who pre-register by April 1, 2022, will not need to pay registration fee.

Members who register late will need to pay the late fee, but not registration fee. Members will still be responsible for fees related to meals, classes, or other conferences expenses.

If you are not a member you can join by paying the \$30.00 membership fee and avoid the registration fee. Registration flyer Should be in your mailbox.

Editor Notes

Sorry this one was a little late. I ran into some technical issues. Well not really that technical, it was me. I have been recording the meetings and I really end up with a lot of information. Sometimes it takes me a while to figure out what I want to put in the article. My goal is to try to give you enough information to be able to make the demo piece or be able to use some of those techniques in something else you are making. I always hope you learn something from them.

The day after Ken's Hammer in I made a set of pickup tongs out of Hay rake tine. I wanted a set to move things around in the gas forge and move things in the coal forge without disturbing a lot of coal. These tongs worked exactly like I wanted them to. I started my trade item for the meeting the next day and I needed a set of tongs that would hold 2" x 3/8" flat bar. I had some half made blanks of my bolt style tongs, so I made a set to fit this. It only took 30 minutes to finish these blanks. They fit like they were supposed to and made the forging of the piece enjoyable. I think I have finally woken up to the fact to use the right tool for the job. No more frustration for me. Now I need to make some mandrels for different diameters.

The Roster should accompany this newsletter. If we have any of your info incorrect please let us know.

Happy Forging and Yay!

Mike McLaughlin

December 2021 BAM Meeting Iron-In-The-Hat

Donated by	Won By	Item
Howard Clark	Mark Lawson	Cord Winder
John Sherwood	Bart Wulfmeyer	Gas Forge Starter Kit
Dan Wedemeyer	Michael Gorzel	Coil & Leaf Spring & Lawn Mower Blade
Bryan Parker	Chris Bopp	Craftsman Toolbox
Brandon Crawford	Denny Quinn	4 Springs
Jeremie Howell	Steve McCarthy	Steel Rod
Bill Paulson	Bart Wulfmeyer	Spring, Hammer, File, & Misc. Metal
Ashley Farnsworth	Brandon Crawford	Electrical Boxes
Don Anders	Cassie Taylor	Farrier Rasps
Fred Miller	John Sherwood	Gloves
Bill Paulson	Bart Wulfmeyer	Lawn Mower Blades
Denny Quinn	Bryan Parker	Leaf Spring
Bob Triphahn	Dan Wedemeyer	4 Horseshoes & Grinding Wheels
Mike McLaughlin	Bob Triphahn	Frying Pan Blank
BAM	David Rosemann	Small Conference T-Shirt
Dale Cannon	Brandon Crawford	Wolf Wire Sculpture
Bryan Parker	Dale Cannon	Wire Wheel
Santo Giuffrida	Dale Cannon	Punch Hole Support
Brandon Crawford	Chris Bopp	4 Springs
Centaur Forge	David Rosemann	Champion Blower and Forge
Bob Alexander	Chris Bopp	Wrench
Lou/Jeff Mueller	V.J. McCrackin	Book Decorative & Sculpture Ironwork
Bill Paulson	Mike Morton	Planter Teeth

Ken Jansen's Black Friday Hammer In

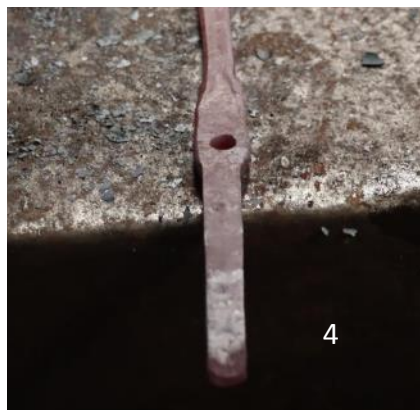
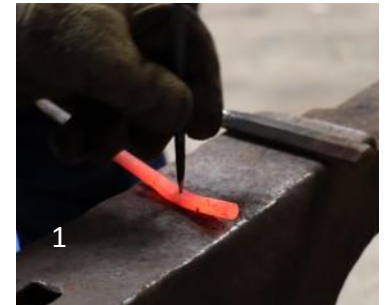
Written and photos by: Mike McLaughlin

It was another nice day for a Hammer In. There was approximately 26 people in attendance. We also had a visitor, Gary from Pennsylvania. Jon McCarty brought smoked pulled pork for lunch, other sides provided by Ken and his wife. Bruce Herzog brought an apple and cherry pie that was fantastic. There was also cookies, I'm not sure who brought those.



Ken had 4 forges and about 6 anvils set up and ready to go. He always has a project for everyone to make. This year was a set of light weight tongs made from 3/8" diameter hay rake tines. The 7/16" and 1/2" ones are even better, but they are getting harder to find. These are high carbon, so they are very strong for their size. Ken likes these for use under the power hammer. He says they will flex a bit and spring back. The only drawback is you cannot quench them. He also likes to use old tire irons and 4 ways if he can find them, just stay away from the chrome coated ones. The fumes can injure you severely.

To make these tongs you start with 10" of the rake tine. Heat it and mark it with the sharp edge of the anvil 2" from one end. Just a dent big enough to see when you bring it out of the forge. This will be the center point of your rivet joint. Flatten this area with your hammer. (2) Use a flat faced hammer. You want to make it flat and wider about 3/16" thick. Hopefully you can still see your mark at 2". If you can't, do what I did and let it cool and then mark it with a center punch. You want this mark as close to center of the bar as possible. (2) This is where you will slit the hole for the rivet. Heat and slit far enough to see it on the other side then slit from the other side. You want to do this parallel with the bar. (1) The slitting chisel is about 5/16" wide. The reason to slit the hole instead of punching it is to leave as much material in the rivet joint as possible. Then heat and drift the hole to a 1/4". Drift from both sides. (3)



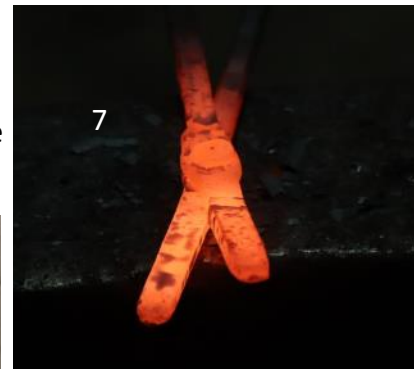
Draw out the jaw. Make it about 3/8" wide by 3/16" thick down to appx. 3/8" to 1/2" from the rivet joint. This will end up appx. 3" long. (4) Then draw out the reigns. The reigns will be about 10" to 12" long. Then use a small flatter or set hammer to flatten the rivet joint. (5) Drift the rivet hole again to make sure it is to size. Make the other half just like the first one.



Ken also uses a small star drill in the rivet hole on the outside of one of the tong blanks. Heat joint area and drive it in just enough to make some dents around the rivet hole. When you upset the rivet, it will fill these dents and keep the rivet from turning on this half. This will help keep your tongs from binding up. If you don't have a star drill, you can use a chisel.(6)



Now it is time to assemble them. You want the flattest sides to be together when you assemble them. Put the 2 halves together with the rivet in them. Heat the rivet and joint area in the forge. Come out of the forge, lay the rivet head on the anvil, use a monkey tool to push the 2 halves together, then upset the rivet. As the tongs cool the metal will shrink and the joint will get tighter. Wait until it is into a black heat and start moving the joint to loosen it up. (7)



These tongs are going to be used to hold a farriers rasp. They will be offset to hold it on one side. The jaws are bent out about 90 degrees.(8) Then the ends are rolled over in a "U" shape. Heat the jaws and grasp the rasp and fit the jaws to it.(9)



I did not get any good pictures of adjusting the reigns. You heat the reigns near the rivet joint grab the material you wish to hold and clamp it in a vise. Bend the reigns so you have a comfortable fit. This will take a little futzing with. Ken said that using a torch to do the final adjusting makes it a little easier.



You can make the jaws of these fit almost any thing you like. If you don't need the jaw that long you just move your starting point. Ken mainly uses this style for flat bar and pick up tongs. The pick up tongs work well to hold in the eye of a tomahawk or hatchet while working the blade. Get out there and make a couple blank sets so you are ready for that next project that you don't have the right size tongs for.



Story Board. (bottom to top) Mark, Flatten, Slit punch, Drift, Draw out jaw, Draw out reigns, Drift, Flatten, Rivet.

Tools on next page.



L to R: Star Drills, Chisels to dent rivet hole, Slitting chisels, Drifts above.



Slitting Chisels. These are small so they will heat up and deform quickly. Keep them cool while using and be prepared to sharpen often.



Flatters and set hammers. The Ball peens round ends were reshaped and softened so they could be struck with a hammer.





Bob Alexander Demo

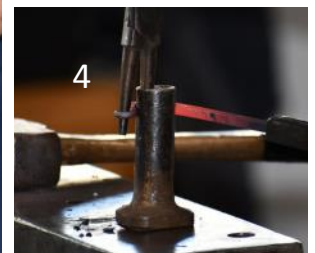
Written by: Mike McLaughlin Photos: Bob Stormer, John Sherwood, Michael Gorzel, Bruce Herzog, Mike McLaughlin

Bob's demo consisted of a few small gift ideas since Christmas is just around the corner. Bob has a fulltime shop in Desoto Missouri. He has been blacksmithing since 1992.

Bob's first item is a small horseshoe. It can be stamped with a name. At Christmas time he stamps Merry Christmas and the date. And drills a hole in the top to hang as an ornament. The material is 6" of $\frac{1}{4}$ " square. Heat one end, hang about $\frac{1}{4}$ " over the far edge of the anvil and bend down to make the heel of the shoe. Flip over on top of the anvil and drive it down flat and shape to create the heel. (1-2) Do the other end. Use a mandrel to make it round. His mandrel is 1-7/8" to 2" round and fits in the pritchel hole. Heat the entire piece and bend around the mandrel. (3) Bob has made a set of tongs with a notch that allows him to hold the side of the piece while he bends it around the mandrel.



Simple wall J-hook. It also uses 6" of $\frac{1}{4}$ " square. First is to heat and draw out a long round taper on one end. Start out with a square taper then round it. When it gets to a black heat, planish to make it smooth. Bob has a piece of 1/2" pipe made to fit his hardy hole that he uses as a mandrel. (4) You could form it around the horn but using a mandrel you can be more consistent. Heat and use a pair of scrolling pliers to create the small scroll (curly Q) at the end. Make sure you start at the tip. If you don't start at the tip, you will have a flat in the scroll. Then grab ahold of the mandrel with one tip of you pliers in the scroll and one inside the mandrel. Bend around the mandrel, release your grip move the material around the mandrel grip again and finish the bend. The back of the hook will curve a little so straighten it now.

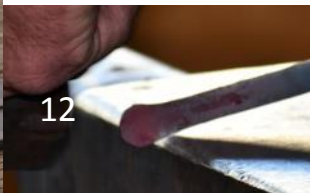
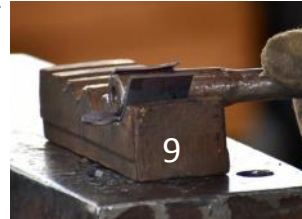
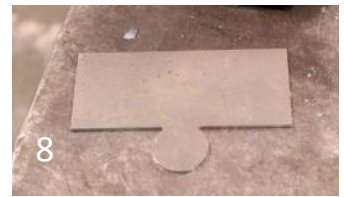


Bob uses a 1/4" socket extension with a T-handle welded to it to twist the hook. (5) He also has this tool made for 3/8 and 1/2" stock. Heat the hook evenly, clamp the hook in the vise and twist. Then straighten it by clamping on it lightly in the vise jaws. Rotate and clamp a few times to get it straight. To create the flat at the top of the hook you will be using half faced blows at the anvil. Heat the end and place 1/2" on the anvil. Flatten the end. (6) Then go to the vise and straighten and make sure the back is flat so it will lay flat against the wall. Drill a hole in the flat for mounting.

Chamber Lamp. It was taught to him years ago by Jerry Darnell. It starts with a 2" disc of 14ga. Steel. Heat it and use a swage block to form it. (7) Bob uses a large steel ball to form it instead of a hammer. You can use a rounding hammer or another hammer with a round face.



The candle holder itself is a precut blank. it is 1-1/4" tall by appx. 2.5" wide. The round bottom is appx. 3/4" diameter.(8) Use your swage block and a mandrel (appx. 3/4" diameter) to shape it.(9-10) The handle is 1/8" x 1/2" x5" long flat bar. Heat one end. Nose off the end and make it round. Use the horn of the anvil to spread it sideways.(11) Then round it up.(12) This is where your thumb will rest. Bob has a fixture built to bend the handle.(13) He writes the material used on the fixture and attaches a sample to it for easy identification. Heat the material, clamp it in the fixture to make the 90-deg. bend.(14) Heat again and form it around the round part of the fixture.(15) Drill holes in the center of everything and assemble with a rivet. A little red and green ribbon will give it some Christmas spirit.

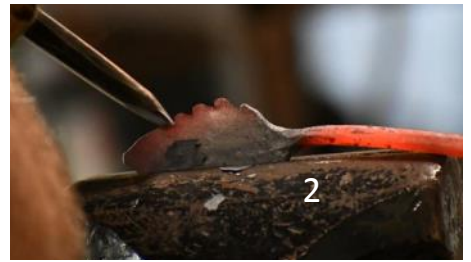
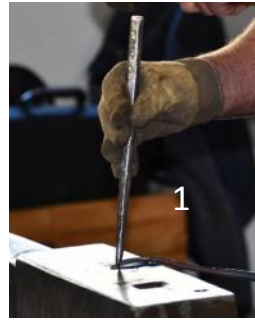


Leaf letter opener. Use 3/8 to 7/16" round bar. Forge a point. Hang about 1" or so over the edge the anvil to create a step.(16) Draw out the stem appx. 4" long and appx. 3/16" in diameter.(17) Spread out the leaf. Take a couple hits with the flat face of your hammer then use your cross pein to spread it out.(18) Bring it to the edge of the anvil and thin the sides.

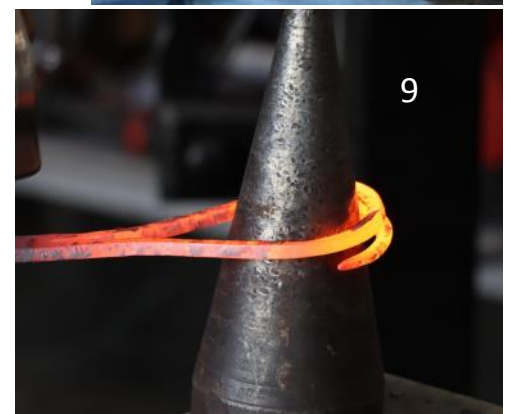
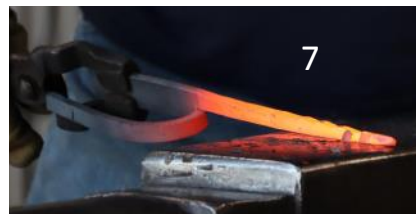
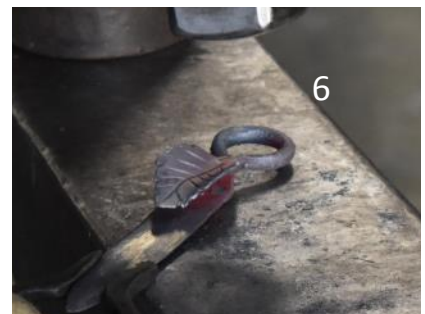


(Continued next page.)

Add veins with a chisel.(1) Clamp in the vise and chisel notches in the side.(2) Use a v-block, wood block or whatever you would like to shape it.(3) Cut it off the parent stock leaving about 3 to 4" for the letter opener. Make a short taper on the end. Flatten it. Use the edges of the anvil to help create a dagger-like edge.(4) Grind or file it to shape. A letter opener does not have to be sharp; the edge just needs to be thin and smooth. Use a mandrel or the horn of the anvil to



bend the stem in a circle.(5) You want the leaf to end up right over the opener in a nice spot for your thumb.(6) Brass brush it and apply your finish.



Heart Candle Holder. The material is $\frac{1}{4}$ " x 1" x 10" long. Saw or hot cut down 6". Bend one side out of the way. Taper it to a point.(7) Measure the length or mark it on the anvil. Bend the first one out of the way. Make the other side the same length. Straighten them back out. Hopefully they are the same length. Open it up for the point of the heart, just wide enough to curve the points. Start the bend on both points.(8) Bend both points at the same time one lapped over the other.(9) Doing this will make both curves of the heart the same. This tip was worth the price of admission. Not only does it make them the same it will fit in a smaller forge opening.

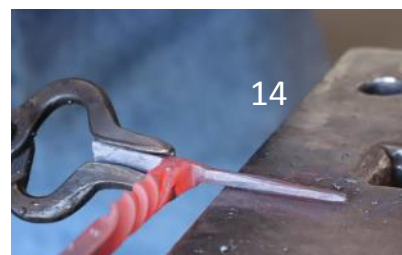
Heat it at the point of the heart use the horn of the anvil to open it up further. Keep your hammer blows near the intersection.(10) Open both sides evenly. The tips should touch if everything went like it should. Heat and taper the other end. Leave a bit of material at the end to round up for the spot to attach the candle cup.(11) Flatten and round up the end. Bend the rounded tip 90 degrees. Then bend it around the horn or a mandrel into a "J" shape.(12) Adjust to make sure everything is straight and inline. Drill a hole in the center to attach a candle cup and holder like the one from the chamber lamp. Drill holes to attach to the wall. Apply your favorite finish.



Marble letter opener. Bob used a piece of appx. 3/8" square with a slit cut in the end about 1-1/4" deep. Heat the slit end. Open the slit. Upset the center in a vise to get rid of the cut line.(13) Chisel cut and twist a little section of the parent bar if you wish.



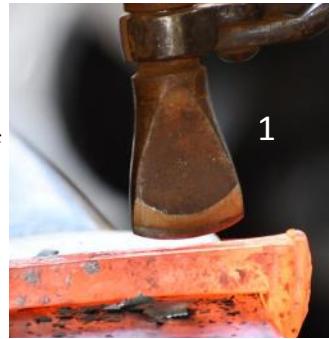
Draw out the split ends into a round taper.(14) Make it a dull point you don't want it too pointy. These ended up being about 2.5" long. Cut the bar off the parent stock. Leave 3 to 4" for the opener. Taper the end, flatten to create a dagger like shape.(15) Grind or file to shape. Heat and loop the 2 ends around a mandrel. (16) Bob used a piece of 1/2" pipe. The mandrel diameter should be smaller than your marble diameter. Open the ends up about 30 to 45 degrees. Brass



brush and do any other operations at this point. Let the piece cool. Do not quench the end. Once it cools you will clamp it in the vise open the ends enough to insert the marble, then bend them around it.(17) And done.



Railroad Spike Knife. Heat and do some design on the handle. Bob just cut a line on 2 sides of the spike.(1) Heat and twist the handle area one full turn.(2) Bob has a special made twisting wrench that fits the head of the spike.(3) After he twists it, he uses a wood mallet to give it a curve. Check it for straightness. Adjust if necessary. Draw out knife edge to about 1/4" thick first. Leave about 1/2" between the handle area and the start of the cutting edge.(4) This will leave enough material to create a nice transition. Use your cross pein to fuller in a place for you finger guard. Lay the back of the knife on the anvil and hit in the transition area. Use the horn to help create the transition.(5) Taper the edge of the blade to create the knife shape. Heat and do any final adjusting and make sure it is straight and in line. Rough grind the edge. Heat treat and finish grind. Bob did not heat treat but the rough grind came out great.



One thing I noticed about Bob's Demo was he had the right tool for the job. So get out there and make some mandrels to fit your anvil or weld to a piece of angle iron and use it in your vise.



Mandrel for candle cups.



His cone mandrel fits his Hardy hole and has a key to lock it in place.



Trade Items



Kurt Knickmeyer to Denny Quinn



Chris Bopp to Bob Triphahn



Eric Barch to Mike Morton



John Kirby to John Sherwood



Matt Dickson to Chris Miller



Chris Miller to Mike McLaughlin



Mark Lawson to Eric Barch



Ken Jansen to Randy Carrier



Bob Triphahn to Bernie Tappel



John Sherwood to Don Anders



Maurice Ellis to John Dilsaver



Santo Guiffrida to Bryan parker



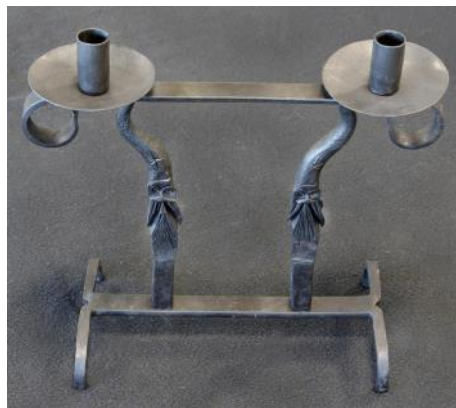
Mike McLaughlin to Santo Guiffrida



Randy Carrier to Matt Dickson



Bryan Parker to Chris Bopp



Don Anders to Mark Lawson



John Dilsaver to Kurt Knickmeyer



Mike Morton to Ken Jansen



Bernie Tappel to Maurice Ellis



Denny Quinn to John Kirby



Bob's Swage block has a piece of flat bar bolted across the opening of the shovel blank. This keeps the blank from sliding out when forming it. It also makes a nifty carrying handle.



Greetings,
ABANA's 2022 Conference registration is now open. Please join us for what will be an outstanding event May 11 – 14 2022 in Denton Texas!

Please register here: <https://conference.abana.org>

Questions can be directed to registrations@abana.org

Happy Holidays!
ABANA Board of Directors

Tuition Assistance 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 assistance, I will be required to submit an article about the education experience attended with appropriate notes and diagrams of the items made or techniques learned in the class to the Scholarship committee to be reviewed and published in 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 in the BAM library.

One third of the total assistance amount will be awarded before the event, one third on submission of the article to the Tuition Assistance Committee, and one third after presenting the demonstration or video at a BAM event.

I understand that I am responsible for payment to the school or event.
The assistance is a reimbursement of the approved costs listed above.

Send tuition assistance applications to:

Orry Harbit 217 Phelps Street Windsor, Mo. 65360 660-287-5917

This page may be printed

New Members

Brian Johnson
Royd Chambers
Todd Childress

Jerry Peters
Corey McLane
Cassandra Taylor
Gary Rhoads
Zain Culwell

Angelina Brown
Austin Mattson
Dustin Sypher
Matthew Walker
Chris and Aaron Brazeal

Bob Alexander teaches beginner and intermediate classes at Mueller Industries. Bob said that Lou Mueller always wanted to have a school to teach blacksmithing, Lou was a great teacher also. They were able to get it put together before he passed. The school has 6 fully equipped forging stations. There is also treadle hammers available. They have beginning classes on Wednesdays that run for 5 weeks. Also have Saturday classes that are a half day that covers a lot of different projects.

Visit their website below or give them a call.

Beginner & 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

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

Tytheblacksmith@yahoo.com Ava Mo.

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

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

Missouri School of Blacksmithing

Class prices, descriptions, prerequisites,
and skill levels are in the catalog.

Give us a call for more information, or to receive a catalog!

Matthew Burnett
Missouri School of Blacksmithing
3100 NW Winchester Road Cameron, MO 64429
816-575-2798

Upcoming EVENTS

January 1st. 2022 Pat McCarty's Headache Hammer In - 333 Hayley Ridge lane, Washington, Mo. 65483 Lunch available

February 5th, 2022 - Meeting - Dale Kirby - 9603 Hwy. B Higbee, MO. 65257
Lunch available. Trade Item: Trivet

March 19th and 25th BAM Mobile Training Station. Ray Scott 20588 St. Rd V, Eminence, Mo. 65466 Beginning Blacksmith classes. Contact Don Anders 636-295-2451

April 2, 2022 - Meeting - Tom Kennon Blacksmith Shop 200-298 Franklin St. Doniphan, Mo.
Trade Item: Decorative Fire Poker Lunch Available.

30th. Annual BAM Ozark Conference, Sedalia Mo. April 28th. - May 1st. 2022 *
Demonstrators: Kirk Sullens, Lin Rhea, and John Lovin
Flyer on the website and in the mail.

ABANA 2022 Conference - May 11-14th. Denton Fair Grounds. Denton Texas
www.abana.org

June 25th, 2022 - Meeting - Clyde Welch Welding Shop and Pioneer Village
3564 Hwy. T, Rosebud, Mo. 63091

December 3, 2022 - Meeting - Advance Welding and Ornamental Iron. 651 S. Kansas Ave.
Springfield, Mo. 65802
Lunch and trade item TBD

***To Celebrate our 30th BAM conference, members who pre-register by April 1, 2022, will not need to pay registration fee.**

Members who register late will need to pay the late fee, but not registration fee. Members will still be responsible for fees related to meals, classes, or other conferences expenses. If you are not a member you can join by paying the \$30.00 membership fee and avoid the registration fee. Registration flyer to be published later in the year.

Coal Stations

Coal Captain: Bob Alexander

Price per bag:

BAM Members \$18.00

Non Members \$23.00

Member's pickup at Bob Alexander's - \$16.00

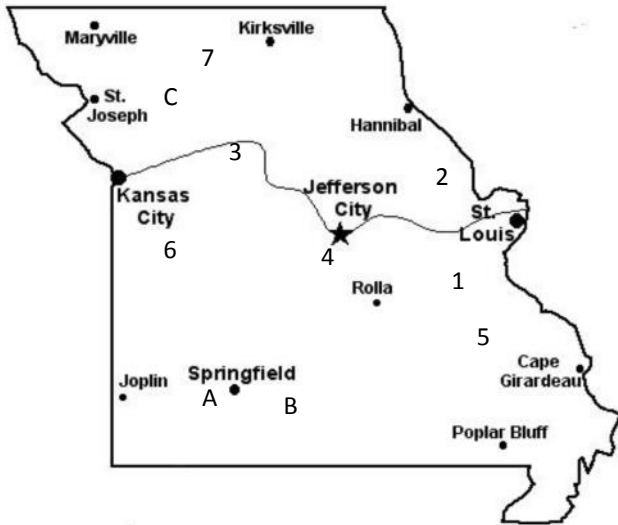
Non-Members pickup at Bob Alexander's \$21.00

Coal keepers earn \$5.00 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) 295-8490
2257 Carter Rd.
Moscow Mills, MO 63362
3. Doug Clemons (660) 631-1257
29377 Durango Ave.
Malta Bend, MO 65339
4. Bernie Tappel (573) 496-3793
204 Hidden Valley Road
Jefferson City, MO 65101
5. Bob Maes (573) 866-3811
Route 1 Box 106 K
Millersville, MO 63766
6. Bryan Lillibridge (660) 638-4536
1545 NW 300
Urich, MO 64788
7. Bill George (660) 247-0426
19133 LIV 355
Chillicothe, MO 64601



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 pound bags.

Non BAM Coal

- A. Tim Johnson @ Advanced Welding, Springfield, MO. 417-886-8032 - Pocahontas Coal \$.40/lb. cash, \$.50/lb. check/debit. Bring your own containers.
- B. Blacksmithing Coal for sale \$12 per approximate 50 lb. bag with bulk delivery available. Matthias Penn, Rt. 1 Box 479, 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

BAM Tailgate

Buy, Sell, Trade

Individual Classified ads:

For Sale: 1 Steel layout table: 27 in. x 39 in. No stand. Asking price \$75.00
ESAB, PCM-750i L-Tec plasma cutter. 50 amp output. 220v single phase 50 amp input. Thermacut PT-23 torch with 12ft. Leads. Asking price \$750.00
Don Birdsall 636-293-6939

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

Commercial / Resource ads:

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.

Tire Hammer Plans by Clay Spencer
Send Paypal for \$30 to clay@tirehammer.com Or check/money order 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

Information / Education:

Missouri School of Blacksmithing

Cameron, MO
Instruction by Matthew Burnett
Group and Individual classes offered.
816-575-2798

Beginner & 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

Blacksmith's Journal, Instructional back issues by Jerry Hoffman are available online at www.blacksmithsjournal.com

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 Call for more information and to enroll: (928) 554-0700 or (888) 743-4866.
www.piehtoolco.com.

Matthias 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 970-215-4666 www.davidnorrie.com
www.forgewithintention.com

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>

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

Products:

Blacksmith Supply

Wide variety of Blacksmithing tools, equipment and supplies. Tom Tongs, Smithin Magician, Anvils, Forges, Fly Presses, Hammers, Punches, and more.

Website: www.blacksmithsupply.com

Phone: 1-804-530-0290

PO. Box3766 Chester, VA 23831

Little Giant

Genuine Little Giant parts for your Little Giant Power Hammer.

Owners: Doug Klaus And David Sloan

Website: littlegianthammer.com

Phone: 402-873-6603

Email: contact@littlegianthammer.com

US mail: 48182 SW 32nd Rd. Odell, NE 68415

Forge-Aprons offers many different styles of leather blacksmith aprons; the Original bib, the Short bib, the Full-Cut bib which offers greater chest coverage, the Lap apron, three sizes of Kid's aprons, a Budget apron, a Women's cut, and Aussie Forge aprons.

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

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Mobile: 678-360-3521

email: lbrandforgecoke@gmail.com

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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, screen-print, or sublimated products. Contact us at hmcrafty@gmail.com or 636-359-1232. visit us on FaceBook at **Craf-Tee Creations**

Holland Anvil

Anvils, Swage Blocks, and more.

www.hollandanvil.com

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. 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.

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 816-296-3935

BAM
P.O. BOX 127
DONIPHAN, MO. 63935

Please send changes to Chris Miller, P.O. BOX 127 Doniphan, MO 63935

Next Meeting: February 5th, 2022

Hosted By: Dale Kirby, Coopers Oak Winery/ Skullsplitter Spirits
9603 Hwy. B Higbee, MO. 65257

Lunch Available
Trade Item: Trivet

