

The Anvil's Horn

A Publication of the Arizona Artist Blacksmith Association

Issue No. 218, September 2022



*Leaf made by Gordon Williams
at our July demo in Flagstaff
(Photo by Terry Porter)*

President's Message

Hello Blacksmiths,

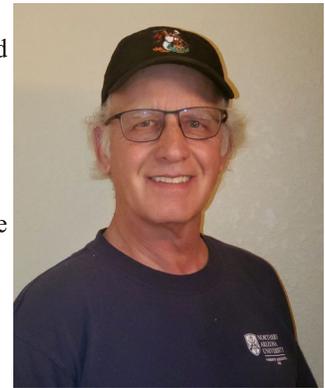
The #366 Hook Show opening at Sculpture Tucson was a great success. Although it was hot and humid, with rain relief coming only as we left, it was a fun time. I'd like to thank Rich Greenwood, Richard Rozinski, Sam Rivera, and Bill Ganoe for stepping up to the plate to provide a 30 minute demo. I participated also, but it's a bit weird to thank myself. The Sculpture Tucson folks reported that there were 75 attendees in the 4-hour opening, and they were extremely pleased. If you are interested in doing a short demo for future events, please let one of the AABA officers know.

We will be in a new venue for the next 2 upcoming AABA events. The September demo and the October workshop with Mark Aspery will both be at the Jerome State Historic Park. Camping is available as are RV spots both free of charge. However, there are no amenities other than the portable restroom facility that AABA will provide. There are also hotels in the area. Jerome is a popular destination, so get your reservations early. There is still room in the Mark Aspery 5-day class and filling quickly. Contact me at president@azblacksmiths.org for cost information.

AABA is in desperate need of a Retail Manager. Richard Rozinski has been doing two jobs (1st VP and retail manager) for the last 9 months, and he cannot continue doing both. Thank you Richard for a job well done. We need someone to step up to continue the same level of service. Alternatives are to take orders at each demo and provide the items at the next demo. I'm sure no one wants to see this service be discontinued. By the way, it's ok to nominate a fellow smith.

On a happier note, the President's project for September is the pinch adjustable tong clip. See the hints within this edition. You may make a tong clip of your choice also. The November President's Project is a bottle opener. Do a web search for "blacksmith bottle opener" for ideas. Or ask a fellow smith.

What ever you do, get to your shop and forge something!



Forge On,

Steve Miller

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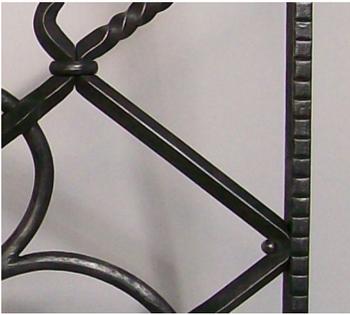
Material submitted for publication in the Anvil's Horn may be edited or rejected by the editor. Material submitted must be your own work, not plagiarized. By submitting material, you agree to allow AABA to edit, print, or post on the AABA website. You also give permission for the material to be reprinted by other blacksmith publications (i.e. publications of ABANA and of ABANA affiliates). **Copyright.** The creator may retain copyright for the work. If we publish a copyrighted item, consent of the copyright holder will need to be obtained before republication. **Graphics.** High-contrast, high-resolution digital picture files and original drawings are preferred, but we can work with lower-contrast, lower-resolution graphics.

The Anvil's Horn is printed by Sundance Press, Tucson, AZ

The Anvil's Horn is created with Scribus 1.4.8

Demonstration: Saturday, September 17, 2022
Jerome State Historic Park
Jerome, AZ
Saturday afternoon, September 17, 2022
Workshop: Photographing Your Work
Sunday, September 18, 2022
Mike Riemer Workshop

Demonstrator: Mike Riemer
Assisted by Dylan Cook



Mike will be demonstrating "Grille work on the diamond". He will demonstrate two different approaches to composing a small grille, one with half-lap joints and one with butt-joints.



- Registration begins at 8:00 AM, the demonstration starts at 9:00 AM.
- Registration fee:
 \$15 for members, 20 for non-members
- Lunch is on your own. There are several good eating spots in Jerome.
- Tailgating is encouraged. Tailgaters, please consider donating to Iron in the Hat.
- Bring things for Iron-In-the-Hat and Show-and-Tell.
 Be sure to put your name on anything you bring for Show-and-Tell.
- Dry camping in the parking lot at the park. There is commercial lodging in Jerome, Cottenwood, and Clarkdale.
 *** Get your reservations early. The Thunder Valley Motorcycle Rally is scheduled for the same weekend in Cottenwood.***
- Photography workshop Saturday afternoon. The quality of your photography when submitting work for art shows and to galleries is very important.
 Doug Baldwin will show you how to improve your photos of your work. More details on page 4.
 \$30 per person with a minimum of 10 students. Contact Richard Rozinski at 602-803-7255 or neogod52@gmail.com to register.
- The Mike Riemer workshop on Sunday is \$100. Students will get hands-on experience with the grilles Mike demonstrated on Saturday. Contact Richard Rozinski at 602-803-7255 or neogod52@gmail.com to register.

As always, safety glasses are required in the demonstration area.

Hearing protection, closed-toe shoes, and long clothes of natural fibers are recommended.

Directions to the Jerome State Historic Park

Jerome, AZ

- I-17 to the AZ 260 exit at Camp Verde.
- West on AZ 260 to AZ 89A in Cottonwood.
- Turn left on AZ 89A and follow the signs to Jerome.
- In Jerome, follow the signs to the Jerome State Historic Park.

The President's Project for September: Adjustable tong clips

See page 4 for more details.

Bring your tong clips to discuss your challenges or to just showoff around 8:45 Saturday morning.

Our September Demonstrator: Mike Riemer

Most of you probably know me, for better or worse, in one way or another, but for those that don't- My name is Mike Riemer. I'll be assisted by Dylan Cook- and accomplished smith and instructor who I find to be essential to the success of matters at hand. Dylan is a Arizona native whereas I've lived in Prescott for the better part of thirty years and taught, learned and worked on commission out of modest backyard shops for the majority of those years. Three years ago I went from self-employed to full-time employee, making door hardware and the like for The Scottsdale Art Factory. While the venue has changed the goal has remained the same: create works with integrity of tool, material and technique true to the blacksmith's trade.

- Mike Riemer

Improving Your Product and Online Photos

A One Day Demonstration

by Doug Baldwin

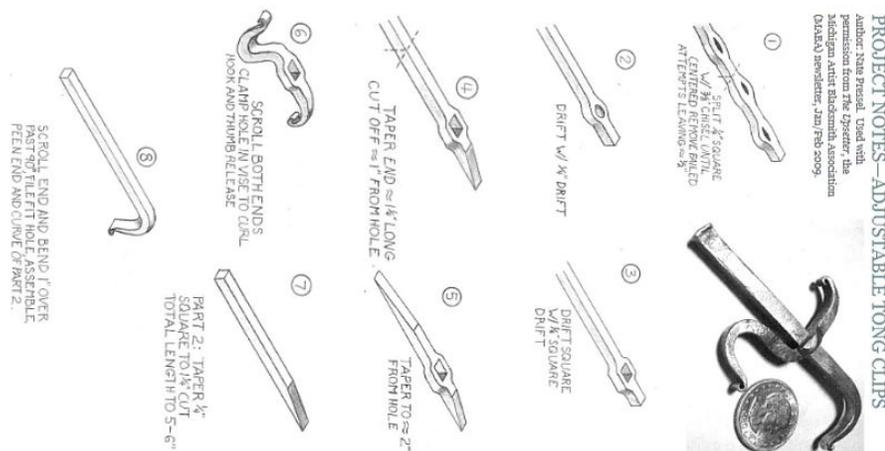
Saturday afternoon, September 17, 2022

OVERVIEW: The quality of your photography when submitting work for art shows and to galleries is very important. The Arizona Artist Blacksmith Association is offering a great opportunity for members. A demonstration with professional product photographer Doug Baldwin will be presented Saturday afternoon after Mike Riemer's demonstration . You are invited to bring one piece of art work to the workshop which will be professionally photographed by Doug. Please bring one table top sized piece that was created in the last 3 years. Doug will speak briefly on camera settings, camera choice, lens, and lighting. The quality of your photography when submitting work for art shows and to galleries is very important. Don't miss a chance to get a professional photo for future exhibitions and your portfolio.



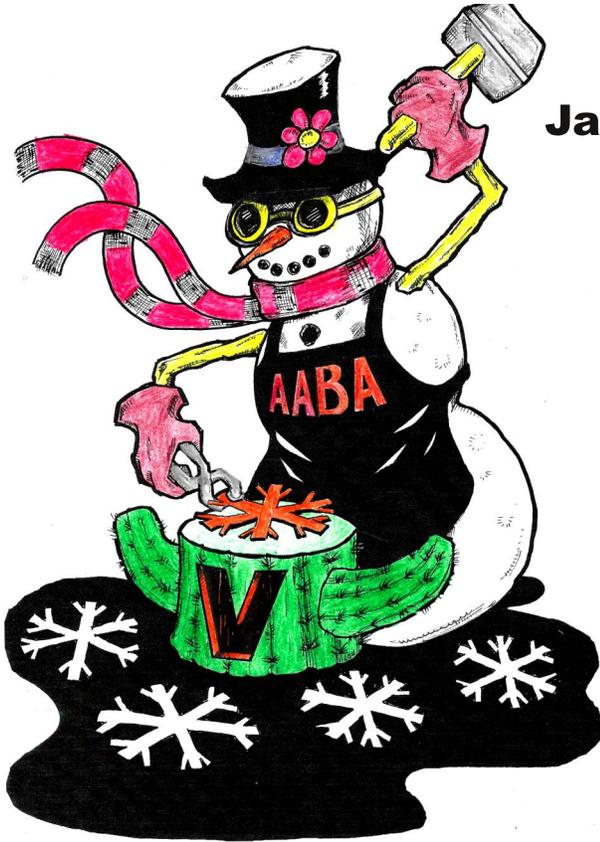
ARTIST BIO: Doug Baldwin is a commercial product photographer in Arizona. After receiving his Bachelor of Fine Arts degree from Art Center College of Design in Pasadena, California, he opened a commercial photography company. Since then he has created photography for a wide range of clients from individual artists and craftspeople to Fortune 500 corporations. His work can be seen on Instagram: [dbphoto773](#) and on his website: [dougaldwinphoto.com](#).

President's Project - September



The President's Project for September is an adjustable tong clip. The inspiration was this drawing, but you're welcome to make a related design. And you are welcome to do something simpler if this looks too challenging. Bring your clip to the demo in September and show everyone what it will do. And check out the ideas and designs that other people come up with.

Coming Attractions



Winterfest V January 19-21, 2023

Demonstrators

John Wick	Swords
Jeffery Funk	TBA
Anna Koplik	Cooking utensils
Jacques Galette	Restoration of antique wrought iron
Peter Sevin and Len Ledet	In the teaching tent

Other activities:

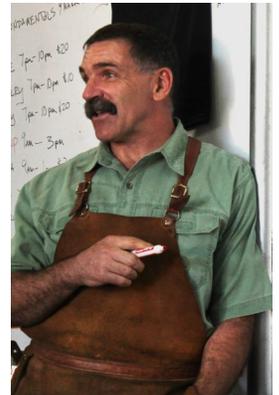
Raffle for **The Lost Dutchman's Treasure Chest** full of tools and other treasures for blacksmiths
Iron in the Hat
Tailgating
Silent Auction
Show-and-Tell
Banquet Saturday evening.

Look for detailed demonstrator schedules and registration prices and forms in *The Anvil's Horn* for December (out in late November), and online as soon as possible at www.azblacksmiths.org.

Mark Aspery 5-day class October 10-14, 2022 Jerome, Arizona

Mark will be teaching several different projects leading to ABANA level 1 and level 2 certification. Whether you are interested in formal certification or not, this will be a great opportunity to up your forging game and polish your skills.

Contact Steve Miller at president@azblacksmiths.org for cost information and to register.



July Demo Report

Terry Porter

Photos by Terry Porter

Our July demonstration was held on Saturday, July 16, in the Sculpture Studio at Northern Arizona University in Flagstaff. This was followed with a workshop for attendees on Sunday, July 17.

The demonstrator was Gordon Williams of Mt. Carmel, Utah. Gordon is formerly of Camp Verde, Arizona. Gordon taught the beginner classes in Camp Verde that got many of us started, and he has demonstrated at many AABA events. The AABA was thrilled to have Gordon come back to Arizona to demonstrate this month.

The main subject of the demonstration was using some cool new tricks to make a set of bolt tongs. That was also the subject of the Sunday workshop. Gordon showed the techniques and tooling necessary to complete this project. Gordon provided drawings to accompany his demonstration, and copies of those drawings are on pages 12 - 15 of this issue of *The Anvil's Horn*.

Intermixed with the tong demonstration, Gordon also showed how to make a veined leaf, a snake from a farrier's rasp, a textured wine bottle holder, a door pull, and a sunflower.

He also interjected a plethora of blacksmithing techniques and tips. These included:

- A.) Chiseling in the leaf edges.
- B.) Since anvils have different size hardy holes, if your hardy is loose, wrap it with duct tape.
- C.) Make a "kiss" block so as to hammer a consistent height on detail in a piece.
- D.) Gordon described how he makes his propane forges so that they only consume four gallons in nine hours.
- E.) He showed the use of his texturing tool. The tool was made by welding strips along face plates and then incorporating that into a spring fuller.
- F.) Another tip was the use of a brass brush to add some color to a leaf, wizard hat, etc. The metal should be hot but not more than 600 degrees. If it is too hot the brass ends up looking black.
- G.) The use of copper sulfate (Root Killer) to create a copper look on steel. One cup of crystals dissolved in one gallon of distilled water. An addendum to this process involved using muriatic acid and hydrogen peroxide, but what this added to the process was not recorded.
- H.) Gordon showed the use of his veining tool which involved a wedge shaped piece welded into a spring fuller. In some cases this makes veining easier than a hammer, chisel and the use of a "hold down."
- I.) Gordon likes Iron Mountain Flux. While more expensive than others, the container allows for less waste, and this flux doesn't puddle as much as other fluxes and mess up the propane forge.

Special thanks goes to Brian Painter of the NAU Sculpture Studio. He provided an outstanding facility, equipment and was of major assistance with many things, especially welding.

July Demo Report (Cont.)



In the Sculpture Studio at Northern Arizona University



*Making the tongs - step 5
(see page 13)*



Making the tongs - ready for the rivet



Demonstration leaf



Gordon's veining tool

July Demo Report (Cont.)

Show and Tell



*Steps to a cowboy wizard
by Gordon Williams*



*Sea Creatures
by Jaime Escobedo*



*Hook
by Darla Selander*

AABA members doing a public demonstration in conjunction with the #366 Hooks exhibit at Sculpture Tucson on July 30. It was reported that over 75 visitors watched the demonstration Saturday morning.



Rich Greenwood



Richard Rozinski



Steve Miller



Bill Ganoe

(Photos by Warren Weiner)

Coming Next Issue

Last July, several AABA members including Peter Sevin, Len Ledet, Ilene Jamison, Beatrice Perret, and Bill Ganoe spent several days in northeastern Spain touring ironwork in and around Barcelona. That included many of the works by Antoni Gaudi and other contemporary and historical blacksmiths in the region. A closer look at some interesting ironwork is coming in the November issue of *The Anvil's Horn*.



Doorway by Antoni Gaudi in Barcelona, Spain.



Contemporary sculpture depicting St. George killing the dragon in Montblanc, Spain.

Interesting web link

Teaching Blacksmithing: Cut the Craft interview with Caitlin Morris from Ms. Caitlin's School of Blacksmithing

<https://www.cutthecraftpodcast.com/episodes>

OR

<https://www.cutthecraftpodcast.com/episodes/caitlinmorris>

About 1:30

From the Cut the Craft introduction:

"Blacksmith Caitlin Morris is the founder of Ms. Caitlin's School of Blacksmithing in Frederick, Maryland, and 'is dedicated to sharing the craft with as many unsuspecting people as possible!' Caitlin is a dedicated teacher who learned the perils and triumphs associated with learning when she first started her craft. As a smaller-built person, she noticed the difference between technical nuance and brute strength. She learned how to get the results she wanted by breaking down body mechanics to make blacksmithing accessible to anyone and everyone who was interested."

Caitlin has many tips and observations about teaching blacksmithing that would be useful to anyone interested in teaching blacksmithing. Some tips apply specifically to teaching women. But all those tips can also be applied in teaching other subjects and activities, such as woodworking, sewing, dance, etc. Caitlin also offers several useful shop tips scattered throughout the interview.

AABA Calendar 2022

September 17	Demo: Mike Riemer	AZ State Historic Park	Jerome
September 17	Workshop: Photographing Your Work	AZ State Historic Park	Jerome
September 18	Workshop: Mike Riemer	AZ State Historic Park	Jerome
October 10-14	5-day class by Mark Aspery	AZ State Historic Park	Jerome
November 19	Demo: Dennis Dusek	Grizzly Iron	Phoenix
December 4	Annual Auction and Banquet	Sahuaro Ranch	Glendale

AABA Election

The annual election for AABA officers and board members is coming up in November. Here's your chance to step up and help run your organization. We need people to serve as 2nd vice-president, treasurer, and as board members. Contact Richard Rozinski at 602-803-7255 or neongod52@gmail.com to get your name, or a friend's name, on the ballot for any of these positions.

MCC Blacksmithing & Welding Class

The Mesa Community College blacksmithing program is an excellent deal - over 60 hours of instruction including material and propane! Fall classes start the week of August 22. Richard Rozinski and Michael Johnson will be teaching various sections of the class during the week. Jaime Escobedo will be teaching a section on Saturdays. Blacksmithing is listed as **WLD103** in the class schedule. Classes fill up early, but waiting lists may be available. For more information go to: www.mesacc.edu

Classes at Pieh Tool in Camp Verde

- Beginning/Intermediate blacksmithing classes with Dylan Cook
 - September 23-25
 - October 14-16Registration is \$585. Students will make several simple projects to take home.
- Knifemaking class with Master Bladesmith, Ray Rybar
 - September 9-11
 - October 7-9Registration is \$585. Students will make one knife.

For full details call 928-554-0700 or go to <https://piehtoolco.com>

Deadline for the November 2022 issue

October 1, 2022 is the deadline submitting photos and articles for the November 2022 issue of the Anvil's Horn.

Send articles, pictures, etc. by email to:

editor@azblacksmiths.org

or by regular mail to:

Bill Ganoe, PO Box 40233, Tucson, AZ 85717

We Need Your Help

Is there a project, tool, ornament you would like to see at an AABA demonstration? Is there a particular demonstrator you would like to see? Send your request(s) to the AABA 1st Vice President, Richard Rozinski, 602-803-7255 or neongod52@gmail.com

Is there a particular project or technique you would like to see in The Anvil's Horn? Is there a general topic you would like to see covered? Send your request(s) to the editor, Bill Ganoe, by email to:

editor@azblacksmiths.org

or by regular mail to:

Bill Ganoe

PO Box 40233

Tucson, AZ 85717

Welcome New Members

Joshua Brown	Buckeye, AZ
Quentin Hilpert	Duncan, AZ
Connie Waddell	Duncan, AZ
Aaron Sandner	Flagstaff, AZ
Bob Bachen	Sahuarita, AZ
Mike Falger	Scottsdale, AZ
George Frattarelli	Tonopah, AZ
Daniel Ammons	Tucson, AZ
Heidi Branlund	Tucson, AZ
Jim Dunning	Tucson, AZ

Xerocraft Makerspace in Tucson

Xerocraft, a Makerspace in Tucson at 6th St. and 9th Ave., is moving ahead to create a new blacksmith shop. It will be designed for teaching, doing, and developing blacksmith skills. AABA member Ed Snyder would appreciate your assistance in spreading the word, by any means, to anyone you think might be interested in getting started in blacksmithing or in building on their current skill set. Ed also needs help getting things set up and operational at Xerocraft in Tucson.

Anyone who thinks they might be interested should contact Ed Snyder at ejsblacksmith@gmail.com. Interested responders will be contacted only if they have questions or as plans develop and they chose to be involved.

AABA Website: www.azblacksmiths.org

Open Forge: Tucson

Sam Rivera will host an Open Forge at his shop in Tucson from 9 to noon on Saturday, October 1, 2022. Sam's shop is at 675 W. Helen St., Suite 1C, Tucson.

If you aren't already getting email about southern Arizona events and you would like to be included on this list, send your email address to Bill Ganoë, editor@azblacksmiths.org.

Open Forge: Grizzly Iron

Don't have a power hammer? Use one at Grizzly Iron, 1329 W. Lincoln St., Phoenix, Wednesdays from 5:00 PM to 8:00 PM, more or less. Check <http://grizzlyiron.com/open-forge> or the **Grizzly Iron Open Forge and Workshops** group on Facebook for current details.

Open Forge: Desert Rat Forge (Phoenix area)

Paul Diefenderfer will host an open forge at Desert Rat Forge on Saturday, September 2, 2022 and Saturday, October 1, 2022, from 9 AM to noon followed by lunch (You gotta' buy your own.) at the world famous Big Earl's Greasy Eats in Cave Creek. Have fun with propane or coal forge, flypress, powerhammer, widgets and gadgets.

Desert Rat Forge is at: 7645 E. Highland Rd., Cave Creek. 602-509-1543 or dief@phoenixrockgym.com. Directions: From the center of Cave Creek – 4-way stop at Cave Creek Rd & School House Rd. Head north on School House 1.2 miles to Highland Rd (if you get to the 4-way stop at Fleming Springs you've gone a tad too far) . Turn right (east) on Highland After about 1 mile the pavement ends. Please drive slow to avoid kicking up dust. As the gravel road makes a turn to the left there will be a single lane gravel road on the right with a sign for 7645. Drive down this road for bit until you see the big anvil. You are there! Park in the pullout if there is room – please do not park on top of any vegetation! If no room, return to main dirt road, park along the north edge, and walk the 700ft back to property.

If You Are Attending An Open Forge...

These open forges are part of AABA educational activities, but AABA does not provide funds for these events. They are hosted by our members for all of our benefit. So if you participate in forging, welding, use shop materials, or accidentally damaged something, please put something in the donation box to help our hosts with their expenses. Thank you! From all of your open forge hosts. **You will need to wear safety glasses. Hearing protection is recommended.**

Classes and Events at AABA Members' Shops

Desert Metal Craft

544 E. 24th St., Tucson, AZ

The schedule at Desert Metal Craft features a wide range of classes and workshops. Check the DMC website, <https://desert-metal-craft-108715.square.site>, for on-line events, details of specific events, and to register for each class or workshop

Special classes to note - check the DMC website for full details:

Fire Sculpture Design and Apparatus. Designing, planning, and building a fire sculpture.

October 28-30, 2022

Utensils with Anna Koplik. Make your own hand-forged steel and brass spoons and spatulas.

November 10-11, 2022 or November 12-13, 2022

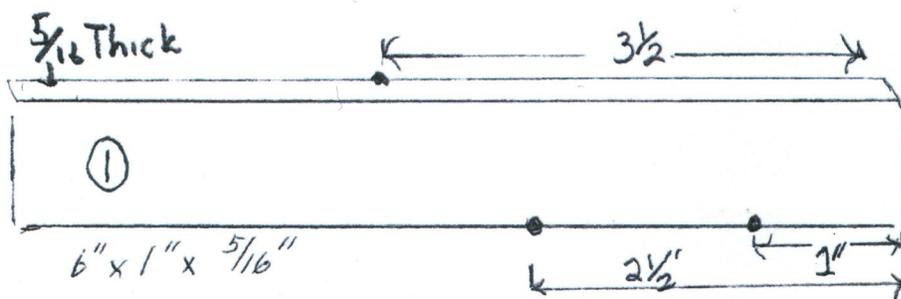
Grizzly Iron

1329 W. Lincoln St., Phoenix, AZ

The schedule at Grizzly Iron features a wide range of classes, open forges, and workshops. For the current schedule, prices, and registration check the website: <http://grizzlyiron.com/classes-and-workshops>, or the **Grizzly Iron Open Forge and Workshops** group on Facebook.

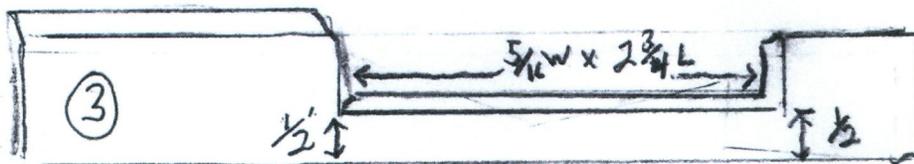
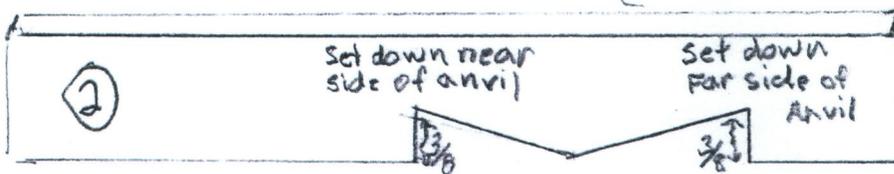
Gordon Williams' drawing #1 for his tong making demonstration

Bolt Tongs

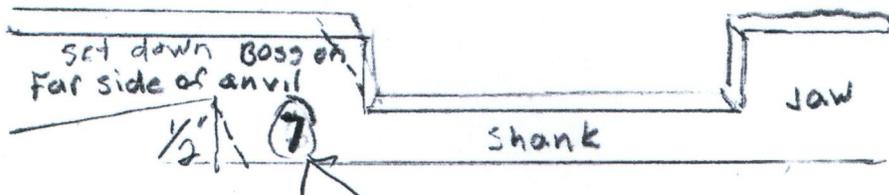


Mark exact.
 Forge exact.
 Check twice!

Right HANDERS,
 MARK LIKE THIS



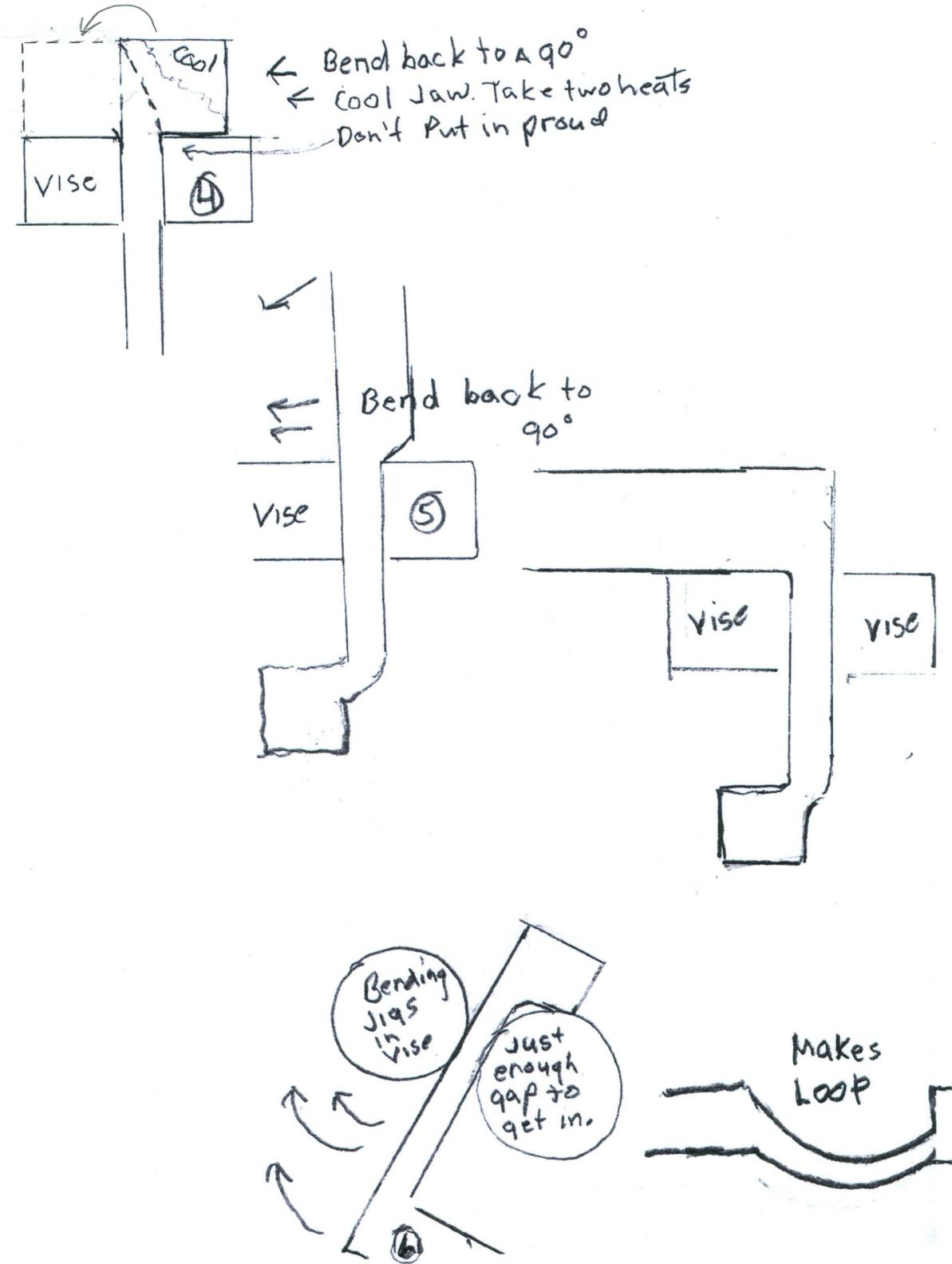
Maintain $\frac{5}{16}$ Thickness!



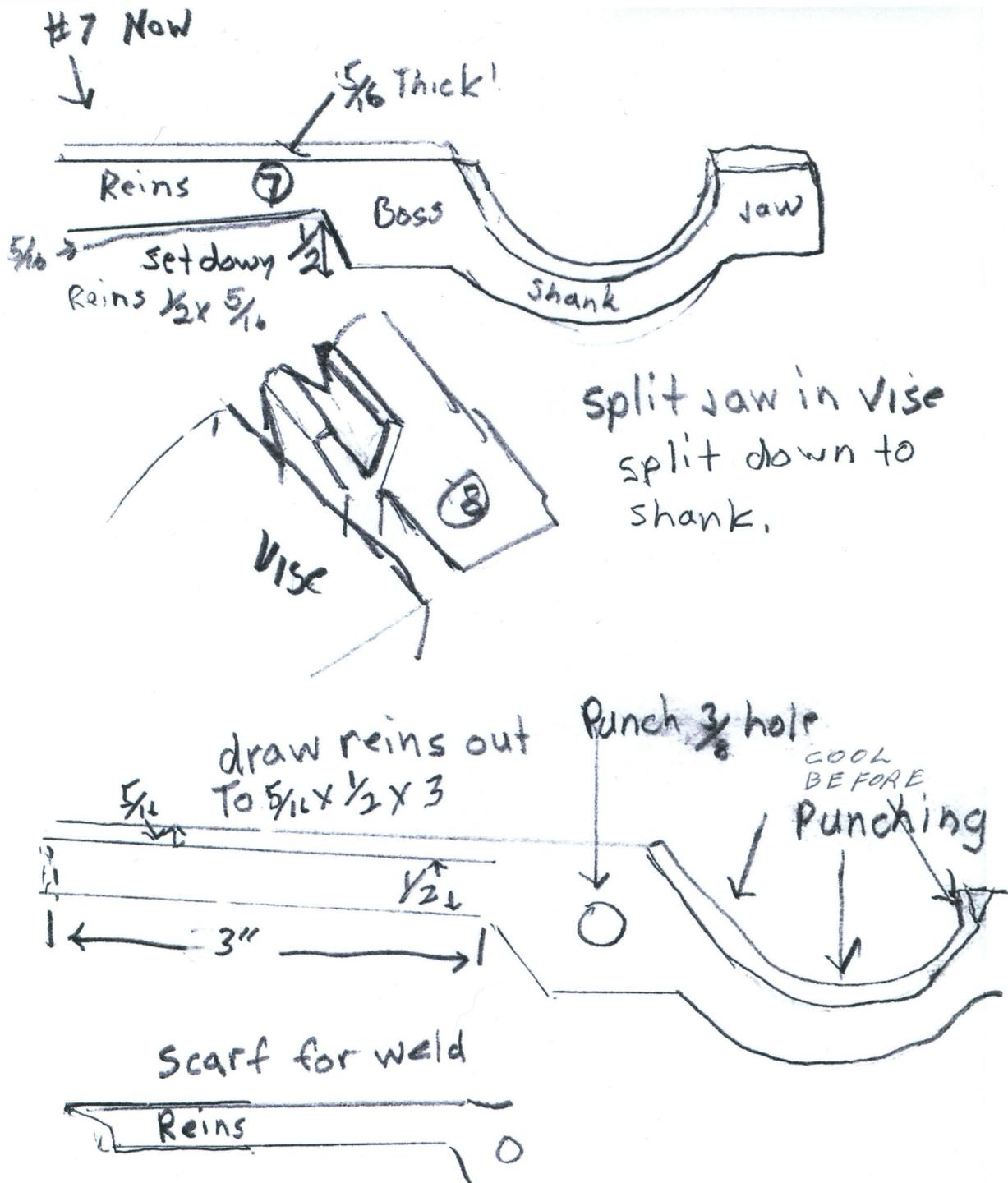
SQUARE UP JAW AND BOSS NOW.
 maintain $\frac{5}{16}$ THICKNESS

sorry don't do This until step 7!

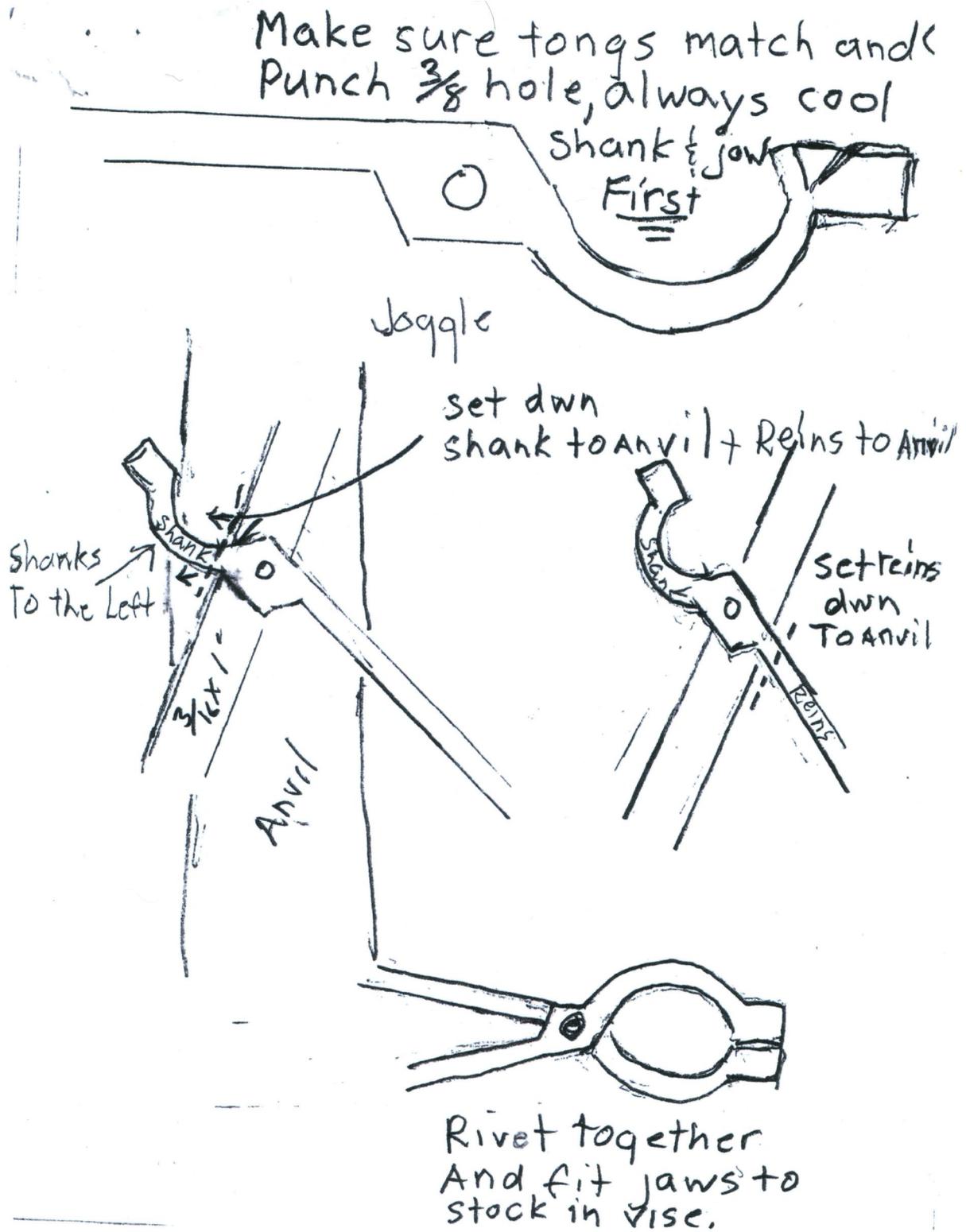
Gordon Williams' drawing #2 for his tong making demonstration



Gordon Williams' drawing #3 for his tong making demonstration



Gordon Williams' drawing #4 for his tong making demonstration



Interesting web link

How to Forge an Argentinean Knife and Different Problems You Can Find During the Process (0:48)
by Mariano Garabato

<https://www.youtube.com/watch?v=IP9ikHz3qN0>

Or titled "Forging Blades" on:

<https://blacksmithswithoutborders.com>

There are several interesting things about this video.

The Argentinian knife Mariano makes is an historical knife with a wide range of uses. It is found through out much of South America,

Mariano discusses:

- Relevant metallurgy

- Design and history of the Argentinean knife

- Production process including possible problems and solutions.

This video is actually very detailed. For example, Mariano gives a detailed explanation of why he uses a dog's head hammer to forge his blades and why he prefers this particular design with the curved handle.



The video is entirely in English, but some of the diagrams include some Spanish and the temperatures are in Celsius.

Open forge at Dief's Desert Rat Forge in Cave Creek on August 6





Artist-Blacksmith Association of North America

ABANA is widely recognized as the preeminent organization of blacksmithing in the world. Visit us online at www.abana.org and like us on Facebook and Twitter. Join or renew your membership at: www.abana.org/membership

Blacksmithing, the cornerstone of all crafts for centuries, has come back to life. Once rendered nearly obsolete by the Industrial Revolution and 20th Century technology, this ancient craft has undergone a contemporary renaissance. A new appreciation of the honest, enduring qualities of forged metal has developed.

At the heart of this revival has been the Artist-Blacksmith's Association of North America, Inc., a non-profit educational association dedicated to the dissemination of knowledge about the art and craft. Started by a handful of isolated blacksmiths in Georgia in 1973, ABANA now serves nearly 4,000 members.

As part of your Membership Benefits you will receive 4 issues of the Anvil's Ring and 4 issues of the Hammer's Blow Magazine each year you are a member. These magazines can not be subscribed separately but are only received by our members. We have recently added a youth membership at a reduced rate, this membership available to those 18 or under includes a subscription to only the Hammer's Blow magazine.

The Johnstown Festival 2023 is coming up. Details as they become available.
(ABANA has a new, more functional web site under construction.)

ABANA Education Grants

"Since its founding in 1973, ABANA has been committed to the education of its members. The purpose of the ABANA Scholarship Fund is to provide financial assistance to our Affiliates and members to assist them in the development of blacksmithing skills and abilities."

Available to:

ABANA affiliate organizations (such as AABA)

Individuals (who are individual members of ABANA)

<https://abana.org/education/scholarship-grants-and-scholarship-reports/>

Classifieds

Classified ads are free to members and can be submitted by email to: editor@azblacksmiths.org. Ads will run for 3 issues. You can renew your ad if you need to run it after the third issue. Please let the editor know when you no longer need to run the ad. I am including photos, but, if space runs short, photos will be dropped as needed beginning with the oldest.

Will buy your unwanted blacksmith or horseshoeing tools and supplies.

Barry Denton, **928-442-3290** any day before 7:00 pm.

For Sale
150# Hay-Budden Anvil



The serial number on it is 167218, made in 1909. It is a full top forged anvil with a definite forgeweld at the waist. Not just a forged top plate. The top measures 18" x 4.5", horn 9", base is 10" x 11.25". It is mounted on a tripod anvil stand that it has been on for about 10 years. I can email photos.

\$6/lb. - stand comes with it along with a few other goodies.
Located in Phoenix.
Call: 928-554-5567

For Sale

Milwaukee Portable Band Saw model, 6225 with table. Needs referb. \$80
Shop-built Kinyon-style vice, no spring, 3 sets of jaws. \$125.
Wand for an induction forge. \$150.
4 1/2" Bosch angle grinder w/ paddle switch. \$20.
Milwaukee 14 ga. shear, model 6815, with chipped tooth. \$20
Maurice Hamburger, **602-538-7905** or hiron@cox.net

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Maricopa, AZ 85139
602-672-7085
www.arrowzonastoneworks.com



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Benefits for members include:

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A one year subscription to the bi-monthly newsletter, *The Anvil's Horn*

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