



Balcones Forge Dispatch

President's Corner

February 2014



Allergies suck, and that's all I have to say on the subject. I'm very sorry that I missed the January meeting, I was truly looking forward to seeing how that kind of large scale casting is done. The great thing is that there is always a chance that we'll be there again, as good meeting places are hard to find.

That leads me to my pitch, if you have any ideas for meeting venues let the Board know. We are always looking for new places to visit and new people to see demonstrate their skills. We are currently planning meetings for the rest of the year and we have some great times coming up in April and May.

But back to current business, we had a fantastic work day at the ranch on the 25th lots of work got done. We're on the home stretch of the forge build and I'm sure we'll be ready for Mark's classes. We may have another work day coming up, so keep your eyes open for Facebook and email announcements.

We need volunteers for spring break in Fredericksburg. The dates are March 8,10-15, we need two people for each day. Not only do you have lots of fun but you will get free lunch. The event runs from 10am - 5pm each day.

The next meeting is sure to be excellent, the Lee brothers always give us a great demo and as my allergies are under control I look forward to seeing you all.

Matt Czosnek
President, Balcones Forge

Meeting Date is February 22



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MEETING REPORT FROM JANUARY

Stevens Art Foundry – Bulverde, TX
Larry Stevens – Host

Meeting started @ 9:50a

Work day next Saturday @ Sycamore Creek Ranch. Lots of progress made at last week's work-day. We will have ten full forging stations when all is done. We need to take inventory to determine our needs.

Bluebonnet Demo – Mark Aspery – Joinery demo. Four days of workshops. \$125.00 per day. Pay is due at registration. (\$150.00 for non members) Ten students per day. Jim Elliott will book students. Send all payments to Jim.

We have spent a lot of money on the building and the workstations, so we will shoot for a record auction and we need to continue Iron-in-the-hat at all meetings.

Gary Hilton has made tongs, rakes and pokers for all workstations. Wow!

Camping spots will be available at Sycamore Creek Ranch during the workshops and the Bluebonnet Demo. See John for campsites. Absolutely No Dogs!

Feb 22nd – Lee Brothers big demo at Steephollow Forge, Bryan, TX. Again, a big payback auction. Bring something/buy something. There will also be an iron smelt.

April – still open – possibly the Pound House in Dripping Springs. Competition Trade Item: An antique. Make something that would have been made and used 150 years ago. Give it a nice patina and make it look old. Prizes for the best.

May – Texas Natural & Swing Music Festival in San Marcos. Trade item: Make something from sucker rod. You've seen enough examples, it's endless. If you can't find a piece, ask Jerry Achterberg to bring you one.

A big "Howdy" to Ralph Gilmore and his wife today from Alberta, Canada. The Gilmores are wintering in Fredericksburg and this is the 4th year to come and visit us.

Jim Elliott is still our librarian and tending the books is getting in the way of all the building he has been doing at John's getting the place ready for the Bluebonnet Demo. Anyone wanting to take over the library would really help us out (plus you get to read all the books).

Larry Stevens opened Stevens Art Foundry in 1976. He started out casting belt buckles for the Pearl and Lone Star Breweries, often melting down scrap water meters for the brass. Larry is now casting silicone bronze pieces for more than 20 sculptors and his castings are spread throughout the U.S., Canada, Europe and Japan. He has sculptures in the Texas Ranger Museum, the Texas Ranger Hall of Fame, Notre Dame, the Football Hall of Fame just to name a few. His shop is filled with lost wax castings and there is even a 1 ½ life size clay sculpture of Robert E Lee, soon to be cast and placed at Lee High School in San Antonio.

Larry is currently working with a Texas historian to produce a series of 3-D aerial views of the Alamo compound as it appeared at several stages in history. Each casting is about 2' by 3' and the latest depicts the Alamo around 1860.

Way too much to see in one short visit. Check out his web site: <http://www.stevensartfoundry.com/>

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TRADE ITEM

So you might ask “what is a trade item”? Well, the answer is, make one to take one! Except in the case of a competition trade item, each person who makes the trade item gets to take home an item made by someone else. The more folks that participate, the larger the pool of items. There is no arm wrestling involved; we use numbers pulled from a hat (or tin can) so the results are random.

February *competition* trade item: A hacksaw.

March: No Trade Item, instead make something cool for the auction, bring that extra tool to sell, and bring cash to buy it back.

A GREAT DEAL

Balcones Forge has Mark Aspery Books!

All 3 volumes:

- I - Basic Blacksmithing
- II - Leafwork
- III - Joinery

\$50 each -- no tax, no shipping, normal price \$59

Send your requests to Rudy@BalconesForge.org

SPIDERS AND BLUEBONNETS

You might remember seeing the spiderweb trellis I took to Jerry Whitley's last October for show-n-tell. Vince included a nice photo of it in the newsletter that followed. It will be an auction item at our Bluebonnet Demo at the end of March. Balcones Forge is putting together 10 fully-equipped forging stations to make our training workshops with visiting professional smiths even better and that's not an inexpensive venture! It's coming together beautifully and I'm hoping the “web” will help.

Here is a little info about the trellis: It's about 7' tall and 30" wide at the top. The first horizontal bar on the bottom is 15" up, so you have plenty of material that can be pushed into the ground. It's got 12 handmade rivets, flared finials and lots of wrapping! The trellis frame is mild steel and the web is mild steel with baling wire web strands and a copper wire zig-zag center. A web wouldn't be complete without a spider, so... there is a dangly spider that goes with it, made from copper wire and half a Brazilian oco-geode. For anyone wondering, the abdomen has crystals on the underneath! It will certainly give you something for your garden that doesn't die back in our 100* summer temps and a native snapdragon vine or Cyprus vine would contrast great against it.

Sue Murray, gardening blacksmith!



FEBRUARY MEETING INFO

by Alan Lee

The 4th annual combined meeting of Balcones Forge, the Houston Area Blacksmithing Association, the North Texas Blacksmithing Association, and the Louisiana Metal Smiths Association will be February 22, 2014 at Steephollow Forgeworks in Bryan, TX. This year's celebration of blacksmithing will not only feature live demonstrations of skills, but also an IRON SMELT.

The Combo-Demo is committed to preserving and promoting the art of blacksmithing in a one day event open to blacksmiths of all levels and those interested in the art of blacksmithing. The Combo-Demo is an opportunity to learn and shop, display/sell your work, see old friends, meet new ones, and continue the tradition sharing the love of blacksmithing. While there is no charge, the event is sponsored by the generous donations of blacksmith art and tools to a live and silent auction at 11:30am.

The demos will feature Lyle Wynn from Mississippi, as well as Gerald Franklin from Oklahoma and Chris and Daniel Riffe from Texas; and, of course, Jeff and Alan Lee. James Johnson with Anyang Powers Hammers will demo one of his hammers. Almost the entire crew that attended Lee Sauders' iron smelt class in Oldenburg will be in charge of the iron smelt. They are all members of LAMA, HABA and Balcones Forge. Furnace will be charged at 10am and the bloom of iron to come out at 3pm. They learned the process to teach others.

Lyle Wynn will be offering classes of basic/intermediate blacksmithing the week prior for individuals and groups. Call or contact Alan Lee ASAP at 979-776-2864 or at steepforge.com to reserve a spot in a class. Individual classes-\$250/day Group classes-\$125/day Classes will emphasize the efficient movement of metal.

The Combo- Demo forging competition is a "Hacksaw" this year. Winner gets bragging rights for one year. Show your skills and creativity and bring it! Also bring your latest forged creation for display or sale. Sell your old tools or buy some new ones. Vendors like knife makers and broom makers will be there.

- 8-9am sign in----meet and greet
- 9-11:30am greetings and begin demos
- 11:30am auction begins
- 12 noon BBQ lunch---donations only
- 1-4pm demos
- 3pm iron bloom comes out of furnace

Come and go or stay all day, but don't miss this one of a kind day of blacksmithing.

Event location: Steephollow Forgeworks, 7286 Mesco Dr., Bryan,Tx 77808

A WORD ON TOUCHMARKS

A little while ago when I started making things that I wasn't burning in the fire so I thought it would be a good time to look at getting a touch mark. Now I had thought of going through the process of getting out my pin files and starting the creative process when I thought I'll design it and look around at having one made. Like a lot of smiths I hit the internet to see what was available in Canada. This was a good eight years ago and I got quotes of \$200 for a touch mark plus taxes and shipping and handling. I then saw why a lot of the guys made their own.

I had a specific design in mind being the traditional anvil and my personal way of doing my initials. So I superimposed my initials on an anvil silhouette and my touch mark design was created. I looked at making my own at this stage but I knew it would be very difficult to get the design made cleanly so back to the internet.

I found the company (Buckeye Engraving). I went with by searching the net and putting in a phone call.

The fellow I spoke with was very nice and asked me to submit my design as they had art students on staff that would clean

up your design and then send you a proof design for approval before making the stamp. I laid out concerns and specks for the design and at the end of the day I was quoted a price of \$90 delivered to my door with the exchange included. I was happy and they were happy so the business was done.

My first touch mark was one inch long and half inch tall. As I started making more knives than larger items I found I needed my touch mark refined to half the size. I contacted the company

again and they had kept my design on file and they made me a second stamp out of 01 steel half the size for \$100 and I also got a pair of safety glasses with my stamp when it was delivered.



Now time marched on and again I found myself wanting a yet smaller stamp, half the size of the last one I had in other words, 1/4 inch by 1/8 inch. This time I also asked it to be made from H13 steel. My thought being I'm still hitting hot steel but with a much reduced stamp so I wanted a material that could take the heat without going out of shape. Being that it has been some time since I got my last stamp and the price of things never go down the quote I got this time is \$110. Not bad in my estimation since it still beats the Canadian quotes by 90 per cent in the eight year old quotes. They usually give you a ten day window before getting the product and you pay for it up front. I'm anxiously waiting for my new stamp to arrive any day now.

Daniel Linkenheld

Check out Buckeye Engraving at: <http://www.steelhandstamps.com/>





WWW.BALCONESFORGE.ORG



The fine work seen at the Stevens Art Foundry.

photos by Robin Ream and John Crouchet



Balcones Forge Bluebonnet Demo

featuring

MARK ASPERY



March 29-30, 2014

Marble Falls, Texas

Mark returns to Texas for our two-day demo and to teach **FOUR** one-day workshops on coal forge operation and traditional joinery. Do not miss this excellent chance to learn joinery from a master! Classes run Tuesday-Friday (25-28), ten students per class, \$125/members, \$150/non-members. Send check (Balcones Forge) and date preference to Jim Elliott, 1102 Walnut Street, Georgetown TX 78626. Space is limited -- first come, first served. Registration for the demo is separate.

Free camping spots are available all week around the pond on beautiful Sycamore Creek. Bring your tent or trailer and your fishing pole! Spring is a great time to be out in the Texas Hill Country under starry skies! Friday night show up at the shop for the Balcones Shrimp Boil, a party that has become a tradition! We would love to see you there!

Don't miss the catered barbeque dinner Saturday night followed by our famous annual **Balcones Forge Auction**. Please create items and find unused tools to donate and prepare to bid on fantastic creations and blacksmithing tools -- maybe one of Mark's latest creation!

Demo Times: **Saturday:** 9:00–Noon – Morning Demo
Noon–1:00 Lunch: *Since Marble Falls is about 20 minutes away, it is recommended to order a sandwich, chips and drink for \$7 that morning or bring a sack lunch.*
1:00–5:00 Afternoon Demo
6:00 Dinner -- only \$15
7:15 If not attending the dinner, please join us at this time for the fantastic auction
Sunday: 8:00 Cowboy Breakfast 9:00–1:00+ – Demo

Our hosts are John and Carolyn Crouchet at their beautiful Sycamore Creek Ranch. **Directions: From Austin:** Hwy 71 northwest to Hwy 281. **From San Antonio:** Hwy 281 north to Marble Falls. Cross the Colorado River into Marble Falls, count 5 stoplights and turn right (east) at Ranch Road 1431. Go 5.6 miles and look for the "Anvil" signs. At our gate, you will see a small sign to the right that says, "Sycamore Creek Ranch, 5828 East Ranch Road 1431." If the gate is open, just drive in. If the gate is closed, there are cattle in this pasture, so please close the gate behind you. Continue crossing 4 cattle guards before you see the big metal shop on your left. Welcome! Lost? Call John at 830-798-3710.

For more info contact:

John Crouchet, 830-798-3710 or John@TexasWroughtIron.com

Jerry Achterberg 210-842-3049 or treefarm@swbell.net

Rudy Billings, 512-461-7375 or Rudy@BalconesForge.com

Hotel Accommodations:

Hampton Inn on the Lake, 704 First St., 830-798-1895

Quality Inn, 1206 Hwy 281 North, (866) 307-2224

Best Western, 1403 N Hwy 281, 830-693-5122

Hill Country Inn, 1101 Hwy 281, 830-693-3637

La Quinta Inn, 501 W. FM 2147, 830-798-2020

See the latest newsletter or website (www.BalconesForge.org) for Registration Form

DON'T FORGET YOUR SAFETY GLASSES AND CUSHION. HELP US BY REGISTERING EARLY!!!

NEW BLACKSMITHING OPPORTUNITIES AT THIS YEAR'S BLUEBONNET DEMO

By John Crouchet

Mark your calendars for March 25th through 30th, 2014. You will not want to miss the new things happening at the Bluebonnet Demo.

Mark Aspery will return to Sycamore Creek Ranch this year to teach FOUR one-day classes on coal forge operation and traditional blacksmith joinery. (Check out his latest book: *Mastering the Fundamentals of Traditional Joinery*.) There will be all-day classes on Tuesday, March 25th through Friday, March 28th. Ten students will be allowed in each class. We will have a coal forge and anvil available for each student. (That's a lot of coal forges!) Do not miss this excellent chance to learn joinery from a master! Bring your favorite hammer and a lot of energy!

Free camping spots will be available all week around the pond on beautiful Sycamore Creek. Bring your tent or trailer and your fishing pole! Spring is a great time to be out in the Texas Hill Country under starry skies!

Friday night, show up at the shop for the Balcones Shrimp Boil, a party that has become a tradition! We would love to see you there!

Saturday, Mark Aspery cranks up another fabulous demonstration of the skills of a blacksmith! You will quickly see why this guy is famous! If you are interested in the skillful forging of red hot iron, you are going to love this demo! It is all about the traditional methods and tricks and fundamentals of working hot iron at the anvil! I promise you will come away with a new appreciation for this wonderful ancient craft.

Saturday evening, look for our annual Blacksmiths Barbeque Dinner and Auction. It's not just a big party! It is also our big fundraiser for the year that allows us to keep bringing you the greatest blacksmiths in America!

Wake up early on Sunday morning! You won't want to miss the free Cowboy Breakfast before Mark begins the demo again at nine thirty! By the time you head out on Sunday afternoon, expect to have a whole new perspective!

If this is your first time to attend the annual Balcones Bluebonnet Demo, you are in for a treat. Marble Falls is a lovely little town sited right on Lake Marble Falls on the Colorado River just sixty miles northwest of Austin. You will find over FORTY restaurants in the Marble Falls - Horseshoe Bay area! This is tourist heaven! We are famous for antique stores and art galleries. Fabulous Longhorn Cavern, hideout of the outlaw Sam Bass, is just five miles away with tours every couple of hours on weekends! Bluebonnets? Are you interested in Bluebonnets? Folks, this Bluebonnet Country! And the end of March is exactly Bluebonnet season. Bring your camera, because your friends back home won't believe you!

Reserve your spot at the Bluebonnet Demo by sending the registration form (on the back page) to Rudy Billings.

Building a Gas Forge

Some New Thoughts on Gas Forges

by Dan Jennings

“Knowledge is just a placeholder until there is better knowledge.” Mark Aspery

Teaching in a blacksmithing lab with a flow meter on a forge has been able to help us figure out relative flows of different types of burners, and gas pressures. We have found the single 1” pipe burner to be more fuel efficient and hotter than 2 of the 3/4” burners. They will run on less gas pressure and still get hotter, and that translates into better fuel economy.

The blacksmithing lab provided another bit of information that seems counterintuitive. The lab has 12 forges whose housings are made from pipe. Some are 12”, some are 10” and others are 8” diameter. They all use 1” thick ceramic fiber blanket and all have the same the heat source: 2 burners, made from 3/4” pipe with .023 MIG tips for jets. And they are all plumbed into the same 500 gallon propane tank and each has a regulator set to around 12 psi.

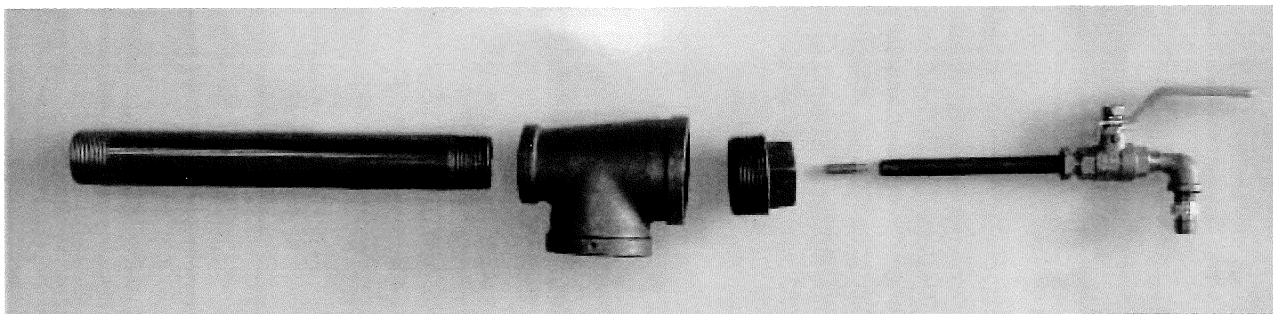
It would seem that the 8” forges would get hotter than the 12” forges. After all, there is less volume to heat and keep hot. We all know that the bigger the house, the larger sized heat pump is needed to heat or cool.

In the lab however, observation tells us that the 12” forges get hotter than the 8” forges. Why? The answer was provided by one of my students who is an HVAC engineer. The flame needs room to complete its burn before it is interrupted (in this case, by the opposite side of the forge). Disrupting the burn means that some of the fuel is not burned, which not only means it doesn’t produce heat, but it actually cools off the flame in the same way that richening the mixture in a car engine makes it run cooler. In practice we have found that a 12” forge has more room to work, gets slightly hotter and uses no more fuel than a 10” forge. However, the 10” is still a viable option.

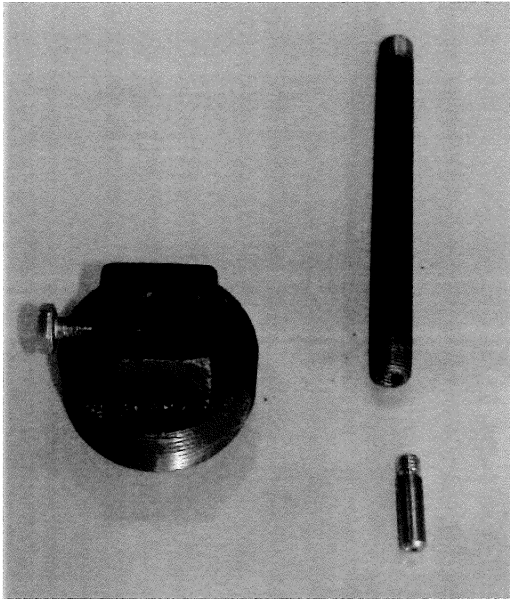
Ideally, our new forges are 12” diameter pipe, 9” long with 2” thick, 8 pound ceramic fiber blanket (Kaowool or Cerewool are 2 brand names); powered by a single burner made from 1” pipe with a .045 MIG tip for the jet. You will need an adjustable propane regulator with a gauge (acetylene regulators work), and about 5 feet of hose that is approved for propane. A 5 gallon (BBQ size) propane tank fits in the forge stand.

This arrangement of pipe fittings was influenced by work done by Frank Villars, David Starr, Larry Zoeller and others. However, any arrangement that uses some kind of venturi and a 1” pipe nipple with the .045 MIG tip might produce similar results.

What follows is a photo build of the forges similar to what we’re building now. I had a couple pieces of 10” pipe and welded them together to get a housing 9 1/4” long. If I had 12” pipe I would have preferred to use it.



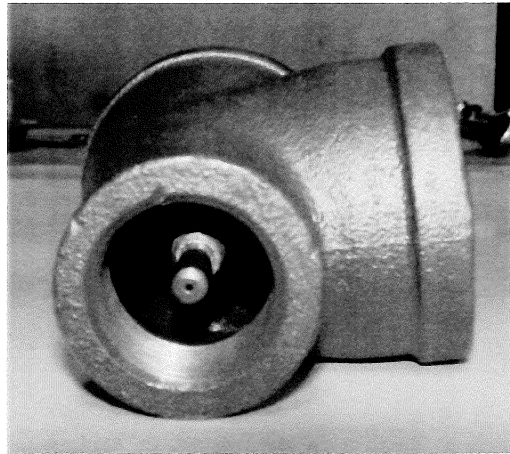
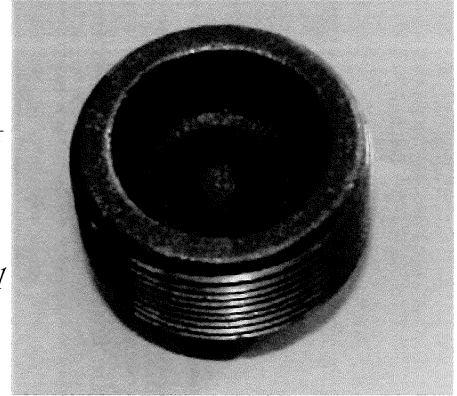
Burner parts: (Left to Right) 1” x 10” black pipe nipple, 1 1/2 x 1 x 1 1/2 black pipe tee, 1 1/2 black cored plug, .045 MIG tip, 1/8 x 4 1/2 schedule 80 pipe nipple, 1/4 x 1/8 MIP x FIP brass bushing, 1/4 full port threaded ball valve, 1/4 brass 90 degree street elbow, 1/4 MIP x left hand gas fitting. Note: The MIG tip should have 1/4-28 threads. Get that size nut and take it to the welding supply; they will have no idea what you are asking for. While you’re there get the 1/4 MIP gas fitting. Source: PEXSupply.com has most of the fittings, Grainger 1/8 sched 80 nipple (pn ILLV2), Airgas MIG tip and left hand gas fitting.



Machining: drill a hole through the center of the plug the same size as the 1/8 nipple (mine was 13/32). Ideally the hole should be concentric with the 1 1/2 pipe threads. Drill and tap a hole for a screw to hold the nipple in place .

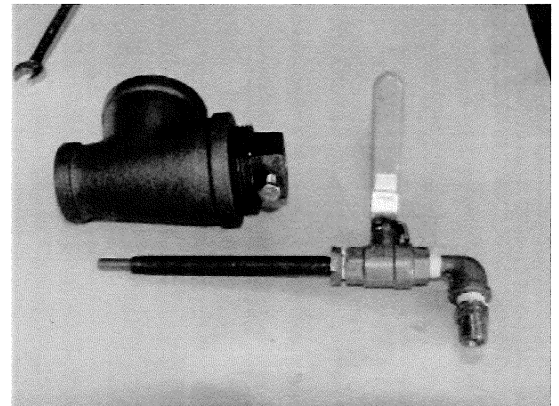
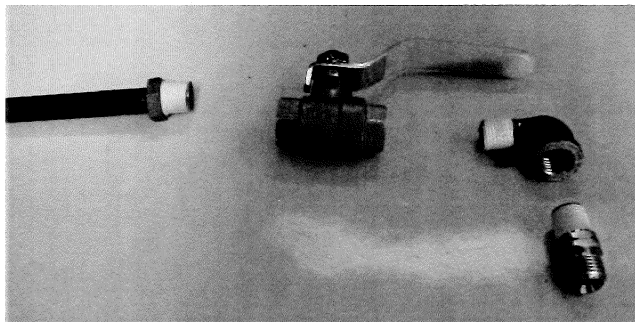
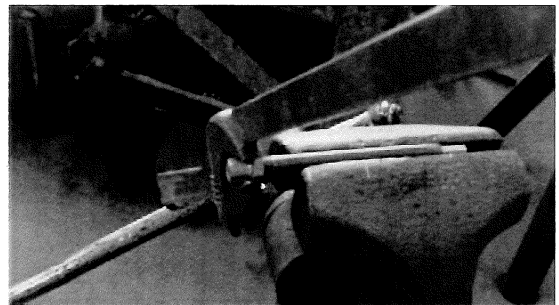
Run a 7/32 drill into one end of the 1/8 nipple. Tap that end 1/4-28 .

Right: This plug can be used as is, but some plugs are cored a lot more and do not have enough material to provide support for the nipple. To solve that problem fill the cavity with mig weld before you drill.



Left: When you assemble the 3 pieces and screw them into the tee, the hole in the MIG tip should be in the center of the opening. If not, a little bending is in order.

*Right: My leg vise and twisting wrench work well to get the bushing tight on the 1/8 nipple.
Below: assemble the remaining fittings with Teflon tape or pipe dope*

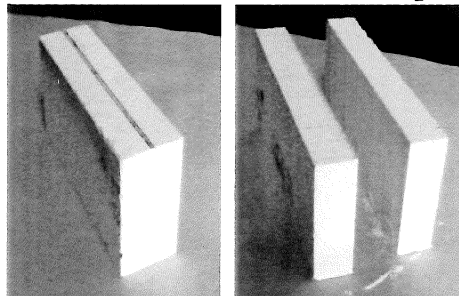




Left: I personally don't think the baffle is needed, but some smiths like to be able to create a richer (reducing or less oxidizing) atmosphere in the forge. Just remember not to block the air off completely or you risk a nasty explosion as the gas fills the forge without any oxygen. (That's the reason for the large hole in the center of the baffle.)

I welded a 1/4-20 bolt to the side of the T and welded the sheet metal baffle to a nut. The second nut serves to lock the baffle open.

Now that we've completed the burner we're ready to start on the housing.

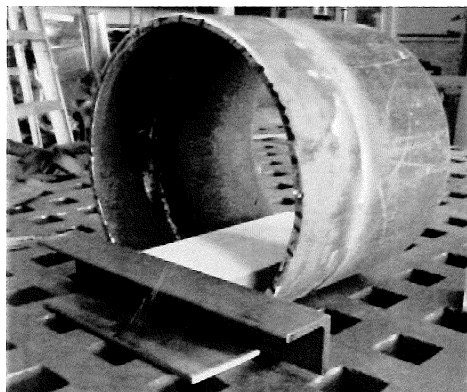
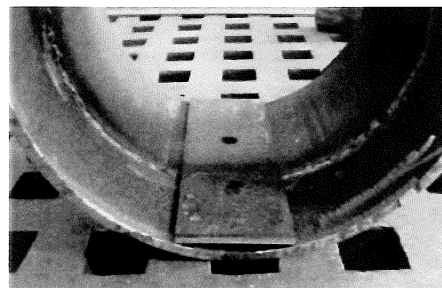


This is a lightweight refractory 2600 degree brick. I get them at Pacific Insulation. Bricks are 9" long and are one of the reasons we make the forge housing 9" long.

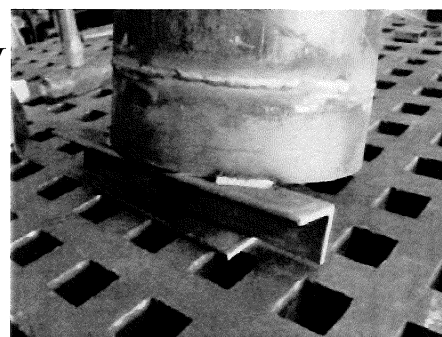
For a 10" forge, cut the brick in half as shown on the left. I use a band saw, but they will cut easily with a hack saw or even a wood hand saw.

For a 12" forge they can be left full thickness.

The brick likes a flat surface to sit on. This is a piece of scrap 1/4 x 3 and the holes were already there—they are not needed. This plate gets tack welded in place. (This housing was pieced together from leftovers—that's why the radial weld in the middle.)

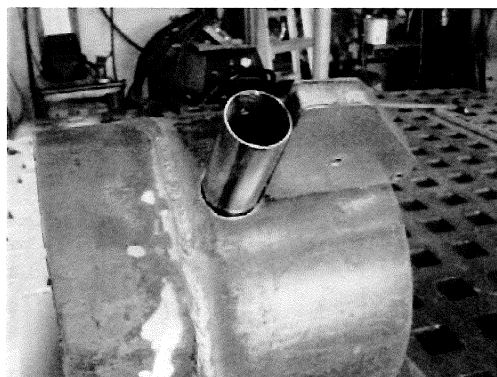


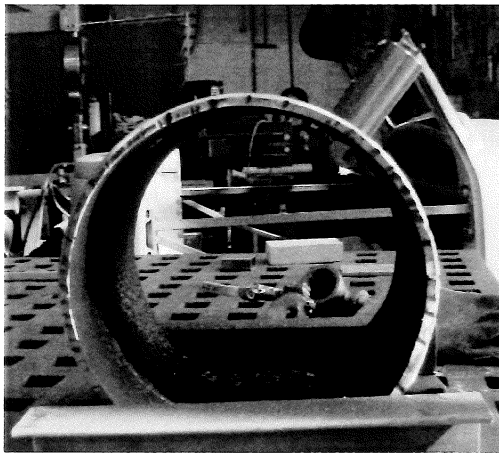
Left: With the brick in place, 2 x 2 x 1/4 angle (this is 13" long) is flushed with the top of the brick and tacked in place. I like to tack from the inside so the weld shrink will pull the angle tight to the housing. The process is repeated on the other side. Right: Then they are welded on the outside.



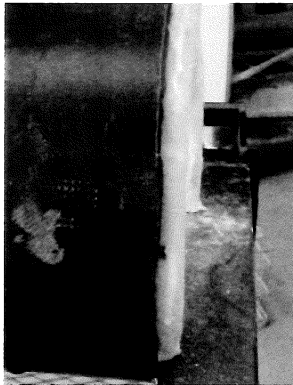
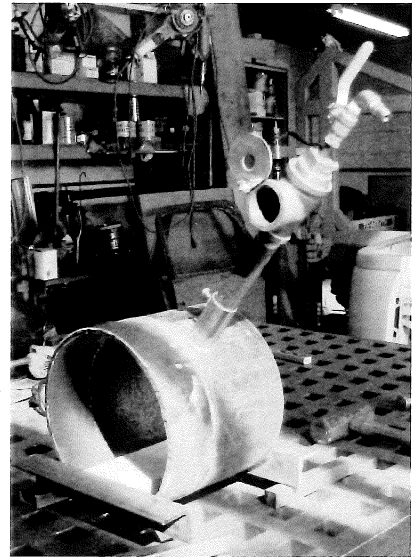
Left: Burner retainer. This is a piece of tubing 3" long that the 1" pipe nipple will slide into. Drill a hole to accept a 1/4 bolt. Weld a nut to the outside to create a set screw.

Right: Torch or plasma a hole for the retainer. I have a magnet holding it in position.





From the front view: I like the angle of the burner to be about 50 degrees from horizontal and the center line of the burner to follow the centerline of the housing. We want to give the flame as much room as possible to complete the burn. When all is good, fully weld the retainer tube to the housing. Don't leave any gaps for the heat to escape.



I use a carpenter's square and a utility knife to cut the Kaowool. The Kaowool should stick out of the housing about 1/4" on each side and butt against the side of the brick. Cut a hole so the Kaowool fits tightly around the burner.



The complete photo build including the forge, stand, doors and FAQ's is available on the AABA website:

www.az-blacksmiths.org click on Plans

Balcones Forge Auction

Donor Name _____

Item _____

Description _____

Thank you for your donation!

Winning Bidder _____

Winning Bid \$ _____

Balcones Forge Auction

Donor Name _____

Item _____

Description _____

Thank you for your donation!

Winning Bidder _____

Winning Bid \$ _____



2014 CONFERENCE REGISTRATION

August 13-16, 2014, Harrington, Delaware

Registration for the ABANA 2014 Conference is now open! Use this form or call 423-913-1022 to register. **Until 1/15/2014**, full conference registration is \$125 for current ABANA members. Non member registration is \$175.

I plan to tailgate * yes no *The Central Office will contact you with more information.
 I plan to camp * yes no

Name: _____ ABANA ID # _____
 Street: _____
 City: _____ State/Prov: _____
 Zip/Postal Code: _____ Country _____
 Phone: _____ E-mail (confirmation only) _____

2014 REGISTRATION (PER PERSON): BEFORE 1/15/2014 \$175-NON MEMBER, \$125-MEMBER
2014 REGISTRATION (PER PERSON): 1/16 to 6/30/2014 \$225-NON MEMBER, \$175-MEMBER
2014 REGISTRATION (PER PERSON): AFTER 7/1/2014 \$275-NON MEMBER, \$225-MEMBER

Family Conference Passes: Allows family members to accompany a full conference registrant at a much-reduced rate. A family is defined as a head-of-household plus his/her partner living at the same address and their children up to age 17.
Conference T-shirts included in registration fee, and can be picked up at the registration desk at the Conference. Shirts are **adult only**, pocket, in the following sizes: Small, Medium, Large, Extra-large, 2-X large, and 3-X large.

T-shirt Size _____ (S,M,L,XL,XXI,XXXL) \$ _____

NAME OF FAMILY MEMBER: _____ Size _____ (\$40 EACH) \$ _____
 NAME OF FAMILY MEMBER: _____ Size _____ (\$40 EACH) \$ _____
 NAME OF FAMILY MEMBER: _____ Size _____ (\$40 EACH) \$ _____

Conference Day Passes: Good for all activities on a specific day. ABANA membership not required.
Color-coded passes at \$75 per day will be available at the Registration Desk.

Total Price includes Saturday Evening Dinner and Conference T-shirt **TOTAL** \$ _____

ACKNOWLEDGEMENT AND ASSUMPTION OF RISK REQUIRED
 Each Person will be required to sign an Acknowledge and Assumption of Risk in order to be admitted to the Conference (including minors through a parent or guardian).
I acknowledge that blacksmithing and related activities are inherently dangerous and involve risks and dangers to participants and spectators that may result in serious injury or death. In deciding to attend the ABANA 2014 Conference, I have considered these risks and I knowingly assume them. I agree that I am responsible for my own safety during the Conference, including wearing appropriate clothing and protective gear and remaining a safe distance from all dangerous activities. I agree to hold ABANA, Delaware State Fairgrounds, and others involved in the Conference harmless from liability and expenses arising from my own actions or omissions. I agree that my admission to the Conference constitutes consideration for this acknowledgment.

SIGNATURE: _____ DATE: _____
 SIGNATURE: _____ DATE: _____
 SIGNATURE: _____ DATE: _____
 SIGNATURE: _____ DATE: _____

EVERY REGISTRANT MUST SIGN THIS FORM!

Credit card orders (Visa/MC/Disc) can be faxed or mailed; be sure to sign this form. Fax: 423-913-1023
 Credit Card Number _____ Exp Date ____/____ CVVS _____

Balcones Forge Bluebonnet Demo

featuring **Mark Aspery - March 29-30**

Please print clearly

Name _____

Address _____

City/State/Zip _____

Phone _____

Email _____

Yes, I prefer a hard-copy of the monthly newsletter mailed to me. I have added \$5 to the normal \$20 annual membership fee.

Current Member\$45 _____

2014 Membership if unpaid . \$20 _____

\$25 if you wish monthly newsletter mailed

Non-member\$65 _____

Yes, I wish to become a BF member

Saturday Evening Meal ...\$15 _____

Total _____

****Please register by March 15****

Make check payable to **Balcones Forge.**

Send to Rudy Billings,

12302 Indian Mound, Austin, TX 78758

PLEASE READ AND COMPLETE THE FOLLOWING RELEASE FORM: FORM MUST BE SIGNED AND DATED BY EACH MEMBER, GUEST AND PARENT OR GUARDIAN OF ANY MINOR IN ATTENDANCE.

In consideration of the Balcones Forge Blacksmith Association providing demonstrators and making these demonstrations available and granting permission to enter the area of said demonstration, I, individually and as parent or guardian of the minor child attending such demonstration, hereby waive all claims for damage and/or loss to my person or property, or the person or property of such minor child, which may be caused by an act, or failure to act of the Balcones Forge Blacksmith Association, its officers, directors, agents or employees and the hosts and demonstrators. I understand that there are inherent dangers in blacksmithing and I assume all risk of all dangerous conditions in and about such demonstration and waive any and all specific notice of the existence of such conditions. By signing this waiver, I acknowledge that I have read and understand this waiver.

X

Date

Vincent Herod
Spotted Dog Forge
166 Granite Road
Paige, TX 78659-4922

