

Pennsylvania Striker



Dedicated to the preservation, sharing and expansion of the Artist-Blacksmith's skills

May 2024

Next Meeting Date: Saturday, June 15

Old Dry Road Farm, Wernersville, PA

PABA will be at Old Dry Road Farm for the next two meetings. Our next meeting will be a regular meeting. With luck we will be able to sort out some of the equipment we have in the trailer and stored at ODRF and get it organized for future use.

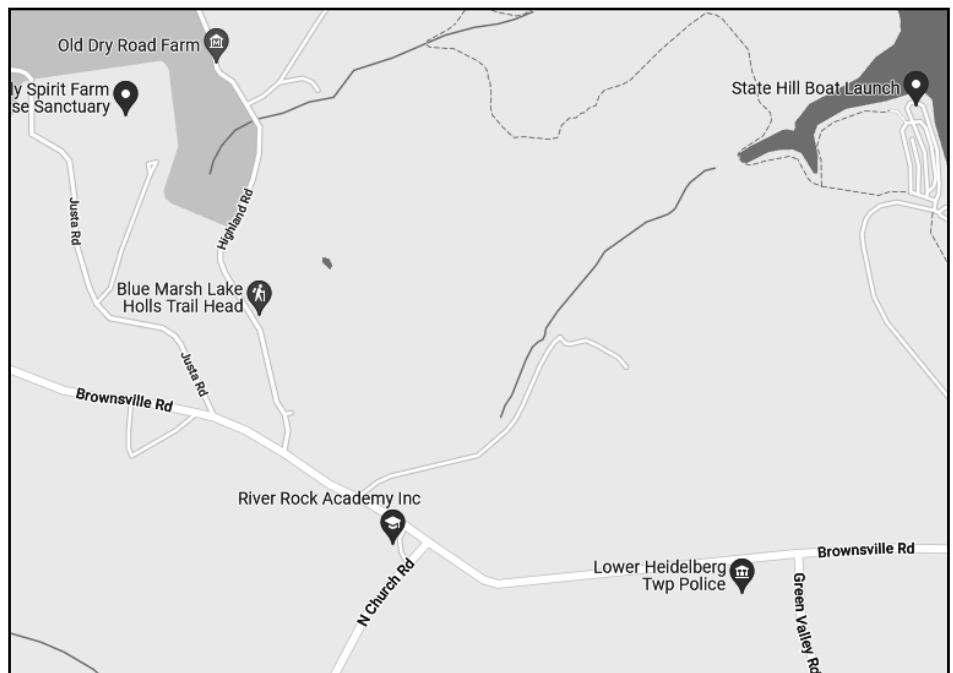
Forges will be hot and members will have a chance to demonstrate or work on projects. The Iron Master of the Day item is a Tomahawk/Hatchet. If we're able, there may be a hatchet throw to test them out. Dry Road Farm is pretty far away from any towns so please bring your lunch along.

Bring an idea. Bring a project. Bring some material. Bring a spare forge. Bring some work gloves. Bring an Iron Master item. Bring a lunch. Bring some tailgate items. Bring some Iron in the Hat stuff. Bring money for tickets. Bring a friend to help carry it all... But above all, bring yourself!

Old Dry Road Farm is located west of Reading near Blue Marsh Lake
202 Highland Road, Wernersville, PA.

From the East (Reading)
Follow US-422 W (W Penn Ave)
-Turn right onto Green Valley Rd
-Turn left onto Brownsville Rd *Look for Yellow Old Dry Rd Farm Sign and the PABA Anvil*
- Turn right onto Highland Rd

From the West
Follow US-422 E
-Turn left onto Bernville Rd
-Turn right onto Brownsville Rd
Look for Yellow Old Dry Rd Farm Sign and the PABA Anvil
-Turn left onto Highland Rd



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- The Pennsylvania Striker is published bimonthly by the Pennsylvania Artist Blacksmith Association, Inc. (PABA), an affiliate of the Artist Blacksmith Association of North America (ABANA). Unless otherwise noted all text content is by the editor and all artwork is by Mark Smith.

Membership is open to anyone interested in blacksmithing. Dues are \$25 per calendar year. Contact a board member for an application.

- PABA makes every effort to ensure the accuracy of the information contained herein but assumes no liability in case of error or changing conditions. Any business relations or other activities undertaken as a result of information contained herein or arising therefore are the responsibility of the parties involved and not the Pennsylvania Artist- Blacksmith's Association, Inc.

-- President's Message --

It's time to head out to the farm again! Our hangout at Old Dry Road Farm will have a double shot this summer. This time though, we will be free of the more public type of hammer-in we had in Reading and will have at the farm in August. I'm looking forward to a bit more member chatting and forging an putting our new tongs and forges to work.

It is pretty exciting that we have ABANA in our state now and the conference right in our back yard in a few weeks. I, for one, am so glad the forge in Johnstown is getting up and running and that we have a conference so close to us. I hope I will see some of you out there.

Short message for me this month as I am still getting things going again, but I do want to thank all of you who came out to Reading and the Goggleworks in April. We had a great showing for PABA, and had a great time all in all. Special thanks to Paul Huff and Dave Fisher for sharing their forging knowledge with some new members.

See you all soon,
Andrew Molinaro
President PABA

PABA Information

WIN an ANVIL!

Will Smith spoke with to Greg Hagen, owner of Holland Anvil, and he has donated a brand new 50 lb. double horn anvil as a prize. If you are a new member of PABA for 2024 you will automatically have your name entered. Tickets will be on sale at the meetings similar to our Iron in the Hat tickets. We'll collect them all and draw the winner at the December meeting.

Pass the word around and help grown and support our group!

www.hollandanvil.com

PABA GRANT

PABA will be offering an educational grant at the gallery meeting this year. If you are a member you may apply. The grant will go toward paying for a class of the member's choice. Forms will be available at the meetings.

PABA CALENDAR 2024

August 3 - Blacksmith Day, Wernersville, PA
Old Dry Road Farm,
Iron Master of the Day Item:
A Lock (choice of what kind)

October- Andrew's New Shop, Clearfield, PA
Iron Master of the Day Item:
Campfire Cooking Item

December 14 - PABA Gallery - Paradise, PA
Iron Master of the Day Item:
Holiday Item

Illinois Valley Blacksmith Association 42nd Annual Summer Conference

June 21, 2023 – June 23, 2024, at Threshermen's Park, 14975 E 2200 N Rd, Pontiac, IL 61764.

QuadState

September 27-29, 2024
Miami County Fairgrounds,
650 N County Road 25A, Troy, OH 45373
<https://sofablacksmiths.org/quadstate/>

Joanna Furnace

1250 Furnace Rd, Geigertown, PA 19523
48th annual Hay Creek Festival – Sept 6 – 8, 2024
– 10 am to 5 pm daily

Hay Creek Apple Festival – October 12 & 13, 2024
– Saturday 7 am to 5 pm and Sunday 7 am to 3 pm.
<https://haycreek.org/>

I know there are a lot of upcoming events that members attend or demo at... Help advertise for them and show off what you do!

Articles and Shop Tips

The Striker is always looking for information to pass onto it's members. Please send the editor any shop tips you may have and if you have a project or an item that you make... Share a "How-To" article with PABA.

UPCOMING EVENTS

BLACKSMITH GUILD OF CENTRAL MARYLAND
500 South Center St. Westminster, MD, 21157
<https://www.bgcmonline.org/events>

BS101 - Beginner Blacksmithing (Weekend)

August 3 - 4, 2024 9 AM - 5 PM

Instructor - Thomas Dresser

Assistant Instructor - Jim Maness

Overall Course Fee: \$200

Description - BS101 Beginner Blacksmithing is a 2 day weekend course designed to teach the basics of blacksmithing. From forge and fire control to hammer control you will learn to forge a fish tail scroll, pig tail scroll, tab hook, drive hook, forge poker, watering can handle, and other student selected projects as time permits. This course starts at 9 a.m. and ends at 4 p.m. on both days.

BS101 - Beginner Blacksmithing (Weeknight)

Wednesdays in October 2, 9, 16, 23, 30, 2024
6 PM - 9 PM

Instructor - Bob Hungerman

Assistant Instructor - TBD

Overall Course Fee: \$200

Description - BS101 Beginner Blacksmithing is a 5 night course designed to teach the basics of blacksmithing. Learn the basics of blacksmithing from forge and fire control to hammer control. You will learn to forge a fish tail scroll, pigtail scroll, tab hook, drive hook, forge poker, water can handle and other student selected projects as time permits. Class time will be from 6pm to 9pm each day.

Registration Options - You can call 410-386-3881, or email Karen Jones at ksjones@carrollcountymd.gov, or you can register in person at the Farm Museum (M – Th 9 a.m. to 4 p.m.) You must confirm space is available in the class with Karen before payment can be made. Full payment is made to the Carroll County Farm Museum by either cash, check or credit card and is required to confirm your registration and space in the class. All classes are limited to 8 students. There must be a minimum of 4 students registered to hold a class.

Required Essentials - You will need to bring safety glasses, lunch, and wear *non-synthetic clothing. Natural fiber long pants, short or long-sleeved shirt, closed toed shoes (preferably leather) that can get dirty are required. All other tools and equipment are provided.

Forge Fest

PABA had another fun year working with the Goggleworks for the Forge Fest event. The weather stayed mostly dry and we had a decent turn out. There were events and things to do for visitors all afternoon and into the early evening.

Several PABA members watched over the forges and had the public trying out some hammering throughout the day. The group even gained a few new members.

Thank you to all the members that helped out and made the day possible. We're looking forward to being here again next year.



Jon Lee managed to get in some practice for the next meetings hatchet throwing. A nice underhanded bulls-eye.

Below are a few of the items that were made during the event.





Both Dave Fisher and Jeff Rinker brought a number of items to show off for the visitors. Will smith brought a display of old non-sparking tools for heavy duty work.



PABA had a very nice turn out for the Iron Master contest and the highest number of votes! Curtis Bohn had the most votes but since his sculpture was made a few years ago and had won before his win was disqualified. The Iron master of the Day went to Steve Eshelman, who was a close second in votes.



Brian Glaze, who was in charge of the Iron Pour, was willing to pour a swage block for the group. Steve Faust took on the project and gave him a pattern but unfortunately the attempt at this meeting failed.



Brian planned to try again at a later event. If we're lucky we'll see a good finished block at the next meeting.



Railroad Spike Hatchet

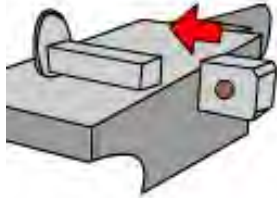
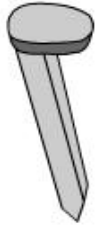
Demonstration by Bill Epps.

<http://www.besmithy.com> - www.anvilfire.com

August 4, 1999

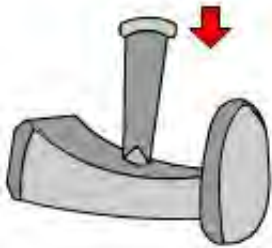


The spikes I use have an "HC" on the head which stands for "High Carbon" Steel



Bump up to 1" Square

- The first thing we do is upset the point end. A Railroad spike starts out about 6" long and about 5/8" square. We are going to bump it up till it is about 1" square and 3 inches long.



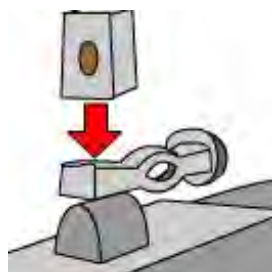
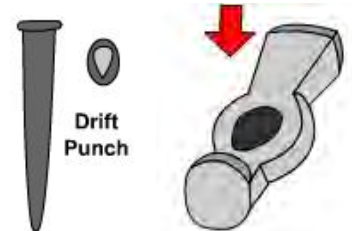
- With the splitting punch I will split the hole or eye for the handle. About an 1 1/2" down from the top to the center of the slot and the slot will be about 1" to 1 1/4" long
- I go half way from one side then half way from the other side. Very seldom do I get it exactly in center, so I have to thin one side to get the slit back in center.



- After we make the slot, stand it up on the head and hit on the end to start the slot to open up. The material that the punch is made out of (I have 2 one is S7 and the other is D2), but 52100 should work well also.

- I start working the slot or eye on the horn just to even things out and get the hole back in the center before I start my drift. I haven't mentioned heats, I assume you guys can figure this out., but you work this metal very hot, but careful not to burn it up.

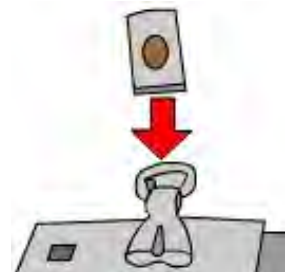
- Now I start my drift, but I don't drift the hole all the way out just yet., I just want to drive the drift about 1/2 to 3/4 the way through. I don't want to finish the hole to size yet because when you start spreading the blade you will distort the hole anyway, so leave it a little small so you can straighten it back up.



- The bottom fuller is used to fuller the spike in the center. I fuller it in the center on one side and the quarters on the other side. The fuller I use had a 1/4" radius on it (1/2" diameter). Fullering helps it to spread to get the width on a blade. The cutting edge length should come out about 4"

- Start spreading and thinning down the blade after fullering

- I use a cross pien to get more spread to it and to thin the blade. I use a cutting plate (mine happens to be aluminum) to trim off the jagged edge and make it easier to hot rasp.





- I use a hot rasp with steel good and hot. Start with an old farrier rasp then I go to a mill file to shape the edge.

- After I hot rasp and file the edge, I finish drifting the hole to size. You drive the drift from the "Front" side so you end up with a tapered hole to fit the handle which is tapered.

- After the hatchet's shaped and the cutting edge filed, I harden the cutting edge (Only). I heat the whole piece until it is non magnetic and put the edge about 1/2" deep in to the quench tub. I never see any reason for hardening anything other than the working part. When it turns black and stops sizzling, I take it out and it let

finish cooling on its own. This will draw the edge down to where I have a good tough edge, but still hard enough to stay sharp.

- After it is cool drive a tomahawk handle into the hole. The handle should be driven in tight and you have a pretty good chucking axe and the head of the RR Spike makes a pretty good hammer head for driving tent stakes. Stand back 5 paces, chuck it like a rock and it will stick every time you hit the target!



Editor Note: *I've added this section from Anvilfire.com to help with ideas for the August Iron Master of the Day. If you want to try a more involved locks this four part series may be of use. Good luck!*

Locks and Keys Part I : Lock Basics

Demonstration by [Jock Dempsey](#) - June 19, 2002, update August 2011

https://www.anvilfire.com/iForge/tutor.php?lesson=jd_locks/demo_1

Look on Anvilfire.com for the next 3 parts.

1 Lock Basics - 2 [Wards and Bits](#) - 3 [Lever Tumblers](#) - 4 [Padlocks](#)



Locks are relatively simple mechanical devices if you understand how they work. Many years ago I took a course in Locksmithing that covered a great deal more than simple bolt locks in order to learn some of this. As a result I am a Certified Locksmith albeit non-practicing.

Locks can be sold by the smith as part of a gate or a separate works to mount on doors. Due to the fact that these locks are no longer in style they have relatively good security since no one practices picking them or even carries tools to do so.

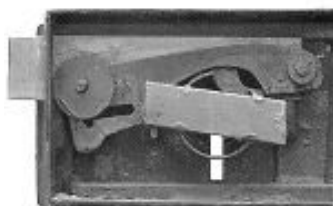
I always thought that selling "castle" locks and keys to the rich and famous would be a good business. Another one of my ideas that I never followed through with. . .



This is a lock I made for the gate on my portable forge trailer. The gate kept my oxy-acetylene equipment secure so I wanted a pretty good lock. As I was making it for myself I could not afford to get fancy.

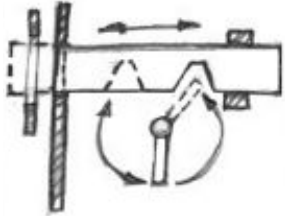
The insides of this lock are pretty ugly. When the gate is open the insides of the lock are exposed so you can see how they work. When closed there is a steel plate that covers the back. This is a warded lever tumbler lock.

The key for this lock is rather large. I called it my "castle key". However, the shank could have been much shorter and the bow (handle) much smaller. If you make big "castle" locks for a customer that is going to use on dwelling doors you should probably provide a lighter weight key perhaps made of aluminium for daily use on a key chain. It would make a fancy "fob".



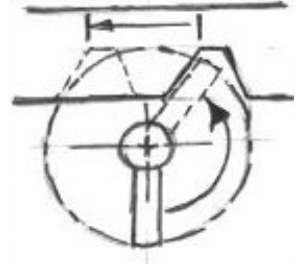


Lock making opened up other areas of hardware to supply. These are replacement drawer pull plates and matching lock plate I made for an 18th century dower chest. The original pull plates had all the little tabs that stick out broken off and heart lock plate was missing. Its shape was determined from the bleaching of the wood.



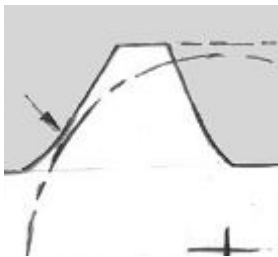
The part of the lock that slides and engages the strike plate is the "bolt". The bolt is moved directly or indirectly by the key which is a rotating lever. The key engages a notch in the bolt as it is rotated moving the bolt.

To design and build a lock you need to make a little layout like this. The closer the bolt is to the key the farther the bolt moves and the deeper the notch in the bolt needs to be. The notch is symmetrical so that the key can engage the notch and push the bolt from both directions.



IF the bolt should move out of position due to vibration or someone "trying" the door, it is possible for the bolt to move a small amount.

As shown to the left, this can prevent the lock from being operated in either direction.

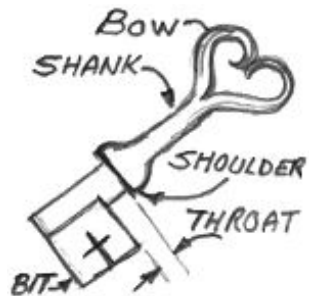
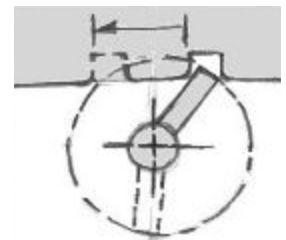


To prevent the problem above the notch should have a gentle curve at the bottom. When the key passed the curve there is significant clearance. If the bolt should slide back a little the key can push it out of the way easily.

Bolts have a friction spring, sometimes with a "detent" to hold it in proper position. However, you always need to allow for wear and tolerances.



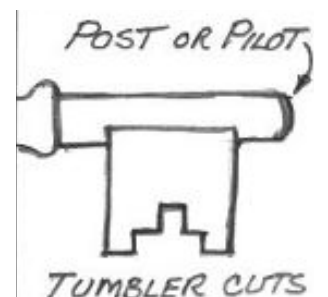
The bolt notch can also be a shallow square cut with rounded corners. This reduces the throw of the bolt a little but may have other design advantages. In any case, you need to make a scale layout using a compass and ruler. For small locks you may want to make an oversized layout say 2 or 4 times size to be easier to draw.



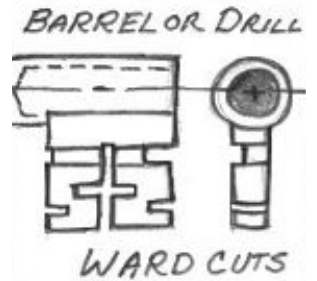
The parts of a key are the bow (handle), shank, shoulder, throat and bit. The shoulder is optional depending on the type of key. Most barrel keys do not need a shoulder but may have one for decorative purposes. Modern bit keys that work from both sides of a lock need a shoulder to position the bit in the lock.

The bow of keys has been a place to show off all kinds of work, forging, casting, graving. In fancy lock and key sets the bow is often a work of art.

Modern bit keys have a "post" to help steady the key and a shoulder to position it. It may have ward cuts but it will always have tumbler cuts except on the cheapest of cabinet locks. The tumbler cuts are different heights as each tumbler must be raised a certain height to operate the lock. The tumbler and ward cuts are symmetrical on keys that operate from both sides of a lock



Keys with hollow ends are called “barrel” or drill keys. The hole fits over a pin in the lock. The pin acts as an obstruction to picking tools and a guide to keep the key centered.



The ward cuts must clear obstructions in the lock. Wards are usually circular and the key must clear them during most of its rotation. Making the wards is much more difficult than making the key to fit.

Like my “castle key” locks and keys can use both warding and lever tumblers for security.

Antique lock and keys only security was the “ward”. A ward is an obstruction that the key must get past. Wards are both thin flat plates and cylinders attached to the ward plates and lock body. The separated spaces are where we get the word ward as used in “hospital ward”. Flat thin files called “warding files” were originally made for cutting wards in keys.

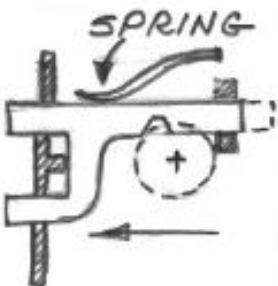
Wards also consist of obstructions to putting the key in the lock. Slots were often cut in keys just as they are today to fit around tabs in the ward plates and the lock’s escutcheon plate. Keys also had various protrusions to prevent them from fitting in the wrong lock. The same lock could be made that had a ward on the right and another on the left. A key that could get past both was a “master” key.

If you are making sets of locks and keys to multiple doors or gates then you may need to consider your designs carefully so that keys only fit their one lock BUT the master key fits all.

Medieval and Renaissance locks and keys were veritable mazes of complex wards. The cuts in the keys being very fine and made with a jeweler’s saw. However, the security of a warded lock was so low that during this time locksmiths created many locks that used trickery such as false and hidden keyholes as well as booby traps that would cut the fingers off a would be lock picker!



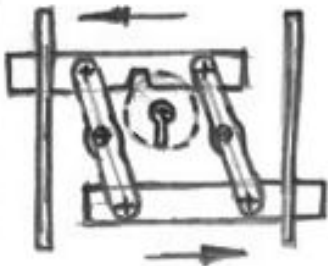
Locks of this period were often great works of art and less security devices. The ABANA 2002 Masterpiece Lock is this type of device.



Double bolts are actually a single bolt as shown. Make your layout carefully to be sure there is room for all the parts.

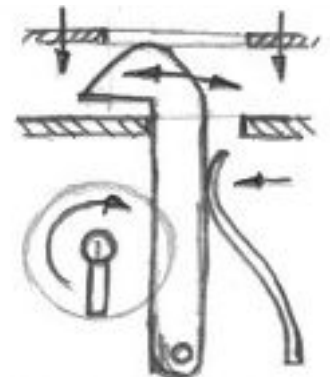
The spring adds friction to the bolt so it does not jiggle out of position OR is thrown out by a swinging door. The bolt may want a slight depression at each stopping point for the spring to engage into so that it stays in place.

Lever tumbler locks do not need a spring or detents as the tumblers hold the bolt securely in both end positions.



Two directional bolts generally use simple lever mechanisms. However from this point onwards locks can have gears, racks and all sorts of mechanical devices that we are not going to get into.

Another common lock made by smiths is the spring or “bear claw” lock. These are used on boxes, trunks and cabinets where you want the lid or door to automatically lock when closed. A simple leaf spring holds the bolt in position. The key just pushes the bolt to one side.



These type locks can be warded and or have lever tumblers.

Member Offered Blacksmithing Classes

Allen Schaeffer • Furnace Creek Forge • Beginner Blacksmithing Classes • Learn the basics one on one
484.651.9402 • www.FurnaceCreekForge.com

Dave Fisher • Blacksmith Classes • Fisher Forge • 572 Saint Michaels Rd. Hamburg, PA 19526
610-504-8060 • fforge@early.com - **Classes w/Dave Fisher through the Hamburg Area Arts Alliance**
610-562-3106 hamburgarts@verizon.net - \$190 (4 classes)

Derick Kemper • Damsely Forge • Phone - 410-937-4244 • Email - Damselyforge@gmail.com
<https://www.damselyforge.com/blacksmith-classes>

Drunken Smithy • Blacksmithing Classes • 61 W Front Street, Suite C • Palmyra, PA 17078
(717) 833-4105 • forge@drunkensmithy.com

Martha Moore Westbrook • Jewelry & Metalsmithing Classes • caersidi@earthlink.net • 610-730-6216
Goggleworks Center for the Arts, Reading PA: www.goggleworks.org
The Baum School of Art, Allentown, PA: www.baumschool.org

Regional Blacksmithing Classes

Adirondack Folk School - www.adirondackfolkschool.org • P.O. Box 2 • Lake Luzerne • NY 12846 • 518-696-2400

Appalachian Center for Craft - 1560 Craft Center Drive • Smithville, TN 37166 • 931-372-3051 or 615-597-6801
www.tntech.edu/craftcenter/workshops/

Augusta Heritage Center - augustaartsandculture.org • 100 Campus Drive • Elkins, WV 26241 • 304-637-1287

Blacksmith Guild of Central Maryland - Carroll County Farm Museum • Westminster, MD • 410-386-3881 or Karen -
ksjones@carrollcountymd.gov • <https://www.bgcmonline.org/classes>

Bryn Athyn College - www.brynathyn.edu/departments/building-arts • 2945 College Drive • Bryn Athyn, PA 19009
267-502-6000 • jkline@brynathyn.edu

Cedar Lakes - <http://www.cedarlakes.com/craft-workshops/> • HC 88, Box 21 • Ripley, WV 25271 • 304-372-7873

Center for Metal Arts - www.centerformetalarts.com • 106 Iron St • Johnstown, PA 15906 • 814.418.0409

Clifton Forge School of the Arts - www.cfsota.org • 518 Church Street • Clifton Forge, VA 24422 • 540-862-7275

Floyd Center for the Arts - www.floydartcenter.org • 220 Parkway Lane, South • Floyd, VA. 24091 • 540-745-2784

John C. Campbell Folk School - www.folkschool.org • 1 Folk School Rd • Brasstown, North Carolina 28902
1.800.FOLK.SCH (365.5724)

Ms Caitlin's School - 26 West All Saints St. - Frederick, MD 21701 - www.mscaitlinschool.com
301-246-2248 - to schedule an appointment - Info@mscaitlinschool.com

National Ornamental Metal Museum - www.metalmuseum.org • 374 Metal Museum Drive • Memphis, TN 38106
901-774-6380 or 1-877-881-2326 • info@metalmuseum.org

New England School of Metalwork - www.newenglandschoolofmetalwork.com • 7 Albiston Way • Auburn, Maine 04210
207-777-6211 Toll Free 888-753-7502 • dglaser@newenglandschoolofmetalwork.com

Peters Valley Craft Center - www.petersvalley.org • 19 Kuhn Road • Layton, NJ 07851 • 973-948-5200

Randy McDaniel, Classes, author of "A Blacksmithing Primer" • 1044 Spielman Road, Berkeley Springs, WV 25411
rams4g@msn.com - www.blacksmithschoolwv.com

Rochester ARC + Flame Center - www.rocafc.com • 125 Fed Ex Way • Rochester, NY 14624 • 585-349-7110

Touchstone Center for Crafts - 1049 Wharton Furnace Rd • Farmington, PA 15437 • 724-329-1370 or 800-721-0177
www.touchstonecrafts.org/workshops • info@touchstonecrafts.org **50th Year Special Events!**

Virginia Institute of Blacksmithing - 200 West Twelfth St. • Waynesboro, VA 22980 • 434-960-9718 • www.vablacksmithing.org

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Robert Eggerling 610-682-6836 - www.eggerlingdamascus.com

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sell? Please send
the Editor your
listing.**

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717-925-9310 - oaklawnblacksmith@gmail.com

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Anvils, Swage blocks and other Blacksmith tools.

HOLLAND ANVIL - www.hollandanvil.com - Anvils, Swage Blocks, and Blacksmith Supplies

-- All Holland Anvil products are cast at our foundry in Holland, Michigan. We outsource our grinding and heat treat to local businesses, but everything else is handled in house. We have years of industrial experience with H13 and ductile iron and we are proud to bring our knowledge to you through our castings.

SUPPLIERS

Reese's Coal- Blacksmithing Coal - 53 Church Road - Quarryville, PA 17566 - 717-786-3375 (please call for hours)

Elligson Trucking - Freeland, MD 21053 - Blacksmithing coal - 410-357-5720 - <https://elligsontrucking.com/index.html>

Martin's Ag Service - Blacksmith Coal - 717.354.4996 - 338 Grist Mill Rd, New Holland, Pa -

Coopersburg Bagging - 551 Springfield Street, Coopersburg, PA - 610.282.2376. Normally sells coal by the ton, but sometimes has less than ton lots in 50# bags.

Fisher Coal Co. - English Center, PA - 570-337-5764 - Blacksmith coal sales

Mellinger Elvin E. & Sons - Blacksmith Coal - 117 Long Lane, Lancaster, PA 17603 - 717-464-3822

Reifsnnyder's Ag Center - 7180 Bernville Rd Bernville, PA - 610-488-0667 - Blacksmithing coal

Weaverland Valley Coal - 170 Ranks Church Rd, New Holland, PA 17557 - 717-4454488

Blacksmithing Books - Blue Moon Press - Blue Moon Rd, Huntingdon, PA 16652 - 866-627-6922 - www.bluemoonpress.org

Metalworking Books - The Astragal Press - 5 Cold Hill Road - Mendham, NJ 07945 - 973-543-3045 - www.AstragalPress.com

Kayne & Son Custom Hardware, Inc. - Blacksmiths Depot - 100 Daniel Ridge Rd. Candler NC 28715 - (828) 667-8868 - www.blacksmithsdepot.com

GTS Gas - Gas & Welding Supplies - gtsgas.com- locations all over PA and the country - 1-800-942-1148

KEEN Compressed Gas Co. - Welding supplies & equipment. - Wilmington, DE - 800-533-6427 - www.keengas.com

SAHD Metal Recycling & Sales - www.recycleyourmetal.com

1045 Lancaster Avenue, Columbia, PA 17512 - 717-684-8506 - dan@recycleyourmetal.com

Steel and Metal Liquidators LLC, - www.shopmetal.com - 407 Old Airport Rd. - New Castle, DE 19720 - 302-322-9960 & 1584 Bunting Street - Pottsville, PA 17901- 570-391-0141

Rivets - Various sizes and metals, also screws and other fasteners. R. J. Leahy Company, 1475 Yosemite Avenue, San Francisco, CA 94124 - www.rjleahy.com • Phone 1-800-514-4106

Larry Zoeller - Forge building info and Supplies. Phone: 502 439-0812 - Zoeller Forge, 7509 Geswein Rd., Lanesville, IN 47136 zman59@earthlink.net - <http://zoellerforge.com>

Custom Forge Aprons - FORGE-APRONS.com - (575) 313-4650 - 1373 S. Powell Dr., Kanab, UT 84741

Page Belting Company - 104 High Street - Boscawen, NH 03303 - www.pagebelting.com - leather belting and gaskets

Brown Engineering Co. - 2135 North 13th Street, Reading, PA 19604 - brownengco.com - 610-929-0909 - Distributer of mechanical parts, lubricants and supplies.

Cattail Foundry - 167 W. Cattail Road Gordonville, PA 17529 - Amish owned metal foundry. Produces castings from nearly any pattern or part you supply.

PENNSYLVANIA



1370 New Danville Pike
Lancaster, PA 17603

*Thanks to the following for
their contribution or assistance
to the Striker.*

Andrew Molinaro
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Lenka Votrubova
Steve Faust

*I apologize if anyone was missed,
it was not my intention.*

www.paba-site.org



PABA-PA-Artist-
Blacksmiths-Association

PABA Membership Application 2024 (Jan. 1 - Dec. 31) \$25

Name _____

Address _____

City _____ State _____ Zip _____

Telephone # _____ E-mail _____

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

Please circle your skill level... Beginner Intermediate Advanced Professional

PayPal option - Pabapaypal@gmail.com

**Make Checks payable to PABA. Send completed application and \$25 (one year)
to: Lenka Votrubova - 1023 Old Penfield Rd, Clearfield, PA 16830**

PABA USE

Cash _____ Check # _____ PayPal _____

New Member \$25 _____ **New Member after June** _____ **Renewal \$25** _____

June-Dec. price \$10 _____ 2024