

Rocky Forge News

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Next Meeting (1/12/13)

2013, I just got used to writing 2012, where does time go? I guess if we are having fun time travels fast. Our next Rocky Forge meeting will be Saturday, January 12 at Ted's shop. Coffee and doughnuts will be ready by 8:30. I am ready to start our new year with a clean slate, no shows, no demonstrations, no serious commitments until mid year. Lets meet on the 12th and have some fun talking, blacksmithing, eating and doing some more blacksmithing. The theme of the day will making cheese cutters, yes cheese cutters! We plan on cutting the cheese that day. If your design requires a wire, Dominick is bringing a roll of 0.035 stainless wire. Go to the Internet, look in the catalogs or search your mind for a neat design.

For lunch bring some cash and we will order pizza from Arnie's and split the cost. If you want to bring some health food to offset the pizza feel free to do so. Also, bring your favorite beverage (non alcoholic please).

The weather forecast is iffy for that day so some of you may or may not be able to work outside (I know, Searcy and McCormick will be outside). If you want to bring a gas forge to work inside that is okay too. Don't forget Iron-in-the-Hat, the club really needs the proceeds.

I hope to see several new members at this meeting so make everyone welcome and ready to give some instruction. Remember we were all there once. See you all on the 12th. Ted

Last Meeting (12/8/12)

The Indiana Blacksmithing Association had its winter meeting on December 8 at Chaz Kaiser's shop in Batesville. The guest demonstrator was Doc (Vicki) Schertz who demonstrated making a stag horn hinge.



Doc hits hard as Roger watches!



Stag horn hinge has dramatic style

Welding Tool Steel

To weld tool steel you must know the tempering temperature of the steel.

Type of Tool Steel	Tempering temp
W1, W2, W4 (general tools work)	350-400F
W1, W2, W4 (impact tools, e.g. chisels)	550-600F
O1, O6, L6	350-500F
A2, A6, D2, D4	400-600F
H11, H13	1050F
H12, H19, H21	1100F
A11	1000F

1. Preheat the tool steel to 100F below its tempering temperature. The maximum preheat temperature should be 900F.



Santa at Illiana (12/9/12)



In 2013 Remember

2. Weld. Reheat the tool if the temperature drops 300F below the preheat temperature before welding is completed.
3. After welding is completed, allow the tool steel to cool to hand warm (150F) or at least 200F.
4. Relieve all inherent stresses by reheating the tool to the preheating temperature

- and hold one hour per inch of thickness of the tool, but a minimum of two hours.
5. Allow the tool to cool to room temperature.

Ref: *The Tool Steel Guide* by Jim Szumera, Industrial Press, Inc. New York, 2003, pp. 102-103



Fireplace tool set made by Greg Searcy



Momma, Baby and Papa Wizzard

Interesting Web Sites

The Best of TheForge: 142 short articles of interest, <http://ronreil.abana.org/theforge1.html>

ABANA Galleries:

<http://www.abana.org/resources/galleries/index.shtml#gallery2006>

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Web Site: <http://www.rockyforge.org/> (previous newsletters can be found here).

Dates to Remember

January 12, 2013: Rocky Forge meeting

February 9, 2013: Rocky Forge meeting

ABANA's 1st Convention
To Celebrate ABANA's 40th Anniversary
March 15-17 2013
Columbus GA Convention Center and
Westville Village, Lumpkin, GA

