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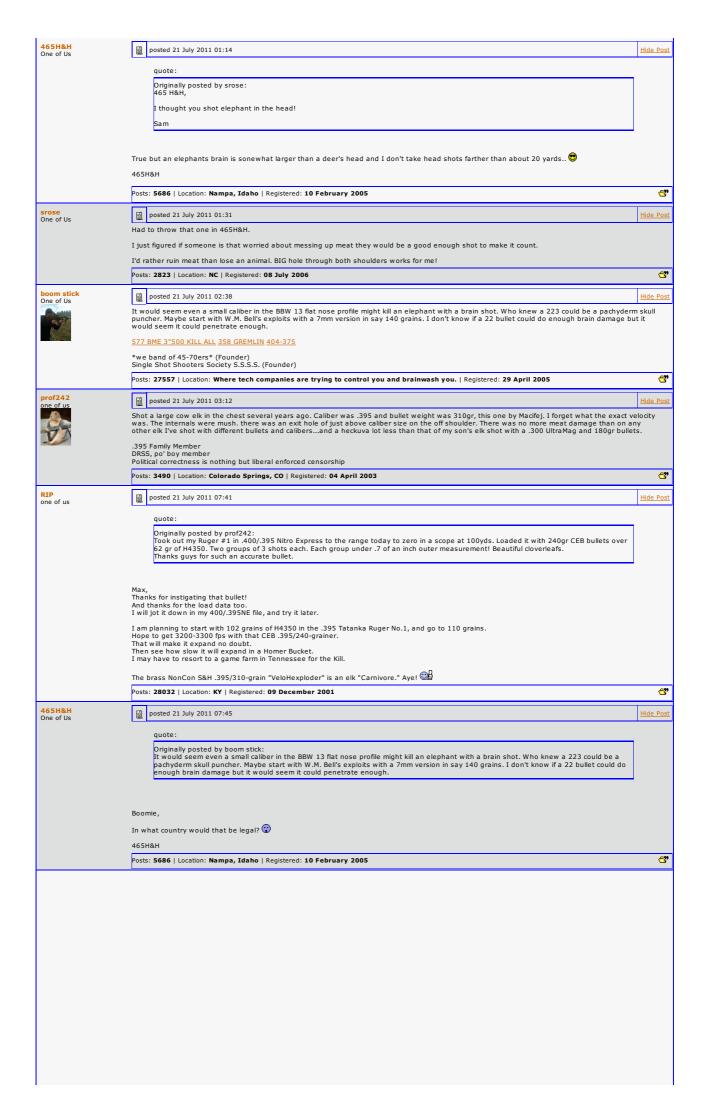


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Moderators: GeorgeS











posted 21 July 2011 15:54

First prototype of the BC tip added to a 375 BBW #13 NonCon.



Sam and I talked about it yesterday, he had an excellent "point" (pun Intended) LOL..... Sam says we need the point to be at a steeper angle, making the tip shorter overall. I concur, we will talk with Dan about it too. Maybe have a couple of different ones to work with.

We will see what we see, and how will the tip effect terminals? I think it will do very little and can do more good than harm, possibly at much lower impact velocities the tip may push the blades out? We have good work already at some of the Lower velocity impacts, we will test this.

Michael

http://www.b-mriflesandcartridges.com/default.html

The New Word is "Non-Conventional", add "Conventional" to the Endangered Species List! Live Outside The Box of "Conventional Wisdom"

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posted 21 July 2011 16:18

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and there is a Trophy Kudu, or elk, or moose or whatever at 250 yds or so

Sometimes those animals don't read the tee-signs too well and stand 300+ yards.

Humor aside, this is all excellent stuff for people who like "flat" calibres.

Bring on the tests and thank Dan for having an adventurous spirit. I just bought some of his standard fare high BC non-cons to see what the 3-banana-petal non-con will do in smaller calibres. Maybe he will try a banana-petal non-con in the transitional flat calibres like the handloaded Rigbys (416 and 458).

"A well-rounded hunting battery might include: 500 AccRel Nyati, 416 Rigby or 416 Ruger, 375Ruger or 338WM, 308 or 270, 243, 223" -- Conserving creation, hunting the harvest.

Posts: **4253** | Registered: **10 June 2009** 

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# boom stick One of Us

posted 22 July 2011 01:39



Maybe make the tips an egg top kind of half eliptical. Maybe a round nose nose tip

577 BME 3"500 KILL ALL 358 GREMLIN 404-375

\*we band of 45-70ers\* (Founder) Single Shot Shooters Society S.S.S.S. (Founder)

Posts: 27557 | Location: Where tech companies are trying to control you and brainwash you. | Registered: 29 April 2005

capoward One of Us posted 22 July 2011 02:29

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Originally posted by michael458: First prototype of the BC tip added to a 375 BBW #13 NonCon.



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Michael,

I understand the "steeper angle/shorter tip" issue... but this prototype tip definitely has to substantially raise the BC of the BBW #13 bullet and perhaps might make it competitive with the CEB FNHP bullets at least in the 200yd to 300yd range; 400yd to 500yd range! "m sure the FNHP bullet will outperform the tipped BBW #13. Rather than eliminating this 1st trial tip outright, a small run of sufficient numbers of the 1st prototype as well as the "steeper angle-shorter tip" so that they could be run in the bullet boxes as well as shot at a range of 200yds to 300yds. Then it can be verified whether both tips work properly by not inhibiting the known expansion of the HP NonCon or HP Carnivore bullets; will also identify any change to the manner of expansion for both bullets. The long range work will identify any BC differences between the two synthetic tip insert styles. This testing would also put to rest any questions as to whether two tip profile kits are needed vis-à-vis a single profile kit – at least in some calibers.

Hope this makes sense. Anyway, just my 2¢...

Edit Added: How 'bout telling us the length of this .375 BBW#13 HP NonCon before the tip insert is added as well as the afterwards length! we nosy folk want to know!!

Edit 2 Added: This would be a very good idea



Maybe have a couple of different ones to work with.

...something I believe we'd all support.



Jim "Life's hard; it's harder if you're stupid" John Wayne

Posts: 4954 | Location: Central Texas | Registered: 15 September 2007

## boom stick One of Us



posted 22 July 2011 05:06

I think long range non DG non con bullets could start the taper further back and maybe have a 33% tip portion that could be loaded with or without the tip and add a base shear ring to ensure even petal separation. With a thinner petal tip that could make the shearing start at lower velocities and maybe more uniform petals.

### 577 BME 3"500 KILL ALL 358 GREMLIN 404-375

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Posts: 27557 | Location: Where tech companies are trying to control you and brainwash you. | Registered: 29 April 2005



# 416Tanzan



posted 22 July 2011 08:56

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quote:

Originally posted by boom stick:

Maybe make the tips an egg top kind of half eliptical. Maybe a round nose nose tip 🕥



Hey, those elliptical/round-nose might fit in a magazine, improve the BC .100 points, and they do not affect straight penetration since the tip starts to

The real test would be if they reduce deflection on sticks, either better than hollow points that may start to expand too easily or better than a long, sleek ogive that seem to have a reputation to deflect.

The deflection question is of primary concern inside 150 yards where one might want fairly flat non-cons. I like Michael's suggestion to consider the high BC bullets as something to slip in when a 250+shot presents itself and there is time to ponder.

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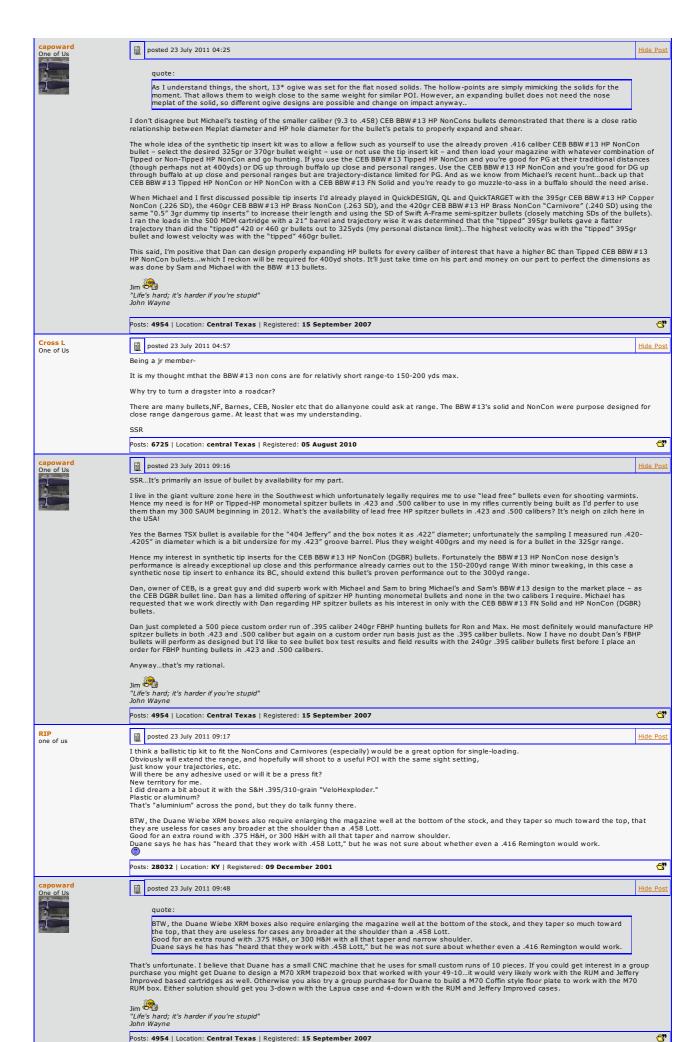
 $Dan \ will \ probably \ have \ some \ ideas \ on \ ogive \ and \ may \ be \ able \ to \ surprise \ us. \ I \ little \ 'scoring \ ring' \ sounds \ promising, too.$ 

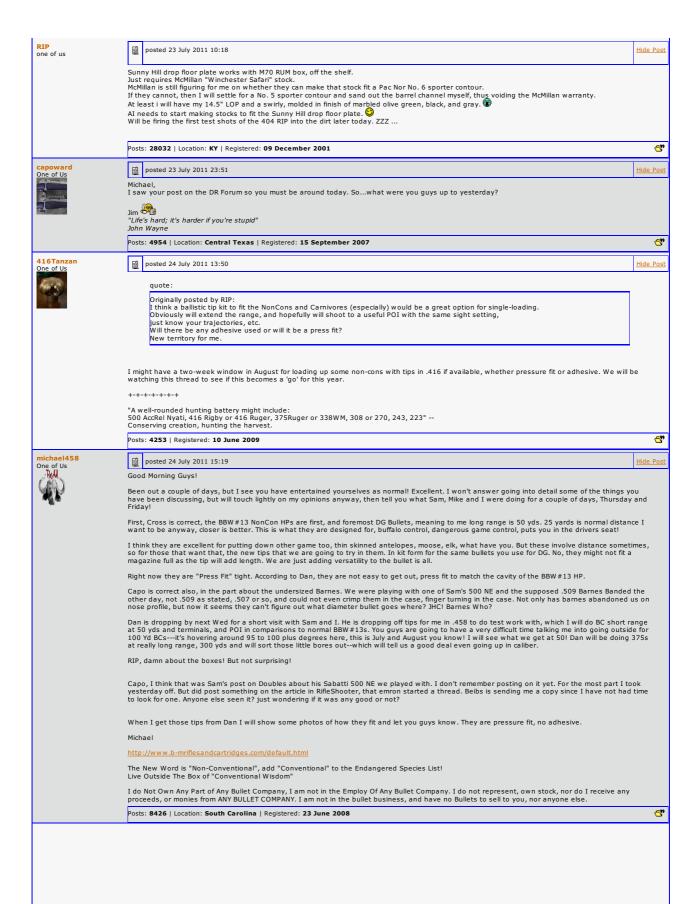
As I understand things, the short, 13\* ogive was set for the flat nosed solids. The hollow-points are simply mimicking the solids for the moment. That allows them to weigh close to the same weight for similar POI. However, an expanding bullet does not need the nose meplat of the solid, so different ogive designs are possible and change on impact anyway..

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Sam, Mike (450NE) and I had a great visit as always. Sam and Mike were doing some long range work at his house on Wed, while I was still here working on some real work to pay the bills here. They came in early Thursday morning, and we did some things with Mikes new 458 B&M and Sam's Sabatti 500 NE, but honestly I was so tied up with work related things a good portion of the day about all I could do was step in back and forth with them, much of the day they were working on stuff on their own!

I had been so busy from the time I returned from the trip on the 12th I had not had time to even set an agenda for us to get much done as far as test work together and things that we would normally do. I did make up a couple of boxes of test medium, but we never used it. So I will be using it maybe this coming week on some things.

We were waiting on Mikes new 50 B&M Super Short to come UPS on Thursday too. This was one of our main missions to shoot it, sort any little bugs out and get it up and running too. It did not come in until late Thursday evening, but we started shooting it on Friday. Like all things, it had a few little bugs to sort out. We sighted in the irons, the scoped it up, and started working with it. In the end, it shoots like all the rest, better than we can shoot it! It likes nearly anything we shot, and if I had shot better it would have been very impressive. I did manage to get some 3 shot one holes with the 385 Remington at 2120 fps, 375 North Fork CPS at 2130 fps, I pulled one of the 345 CEBs so that was my fault or they would have been in a hole as well. It also likes very much the 450 gr North Fork at 1780 fps, the new premium bonded for the 50 B&M AK---had 4 of them in one hole, let one slip about 1/4 inch to the right-Damn!

Mike has to lock down the magazine spring into the floor plate, then I think it's good to go from there. All the Super Shorts have to have this done, recoil sends the spring back and forth in the floor plate, and when this one is too far to the rear, then it don't like to feed. Lock it in the front, then it feeds everything from that point. One of those little bugs to sort out.

We fell in with Sam's new Sabatti 500 NE during this time as well. I found it to be an excellent gun, and then consider the cost, very excellent. I liked it a good bit, it's short, light and rather handy. I like the lighter weight of the Sabatti 500 NE. Some traditionalists think it's too light--I say hogwash and buggery! It's almost perfect. You do still have to carry these things in the field you know! Who the hell wants to carry a long 12 lb anything? NOT ME! Hell with that!

Sam's peep sight he made for the gun is superb in all ways, with the exception for 50 yds he is going to have to narrow that big WIDE bead down some. It's as big as my flip up NECG ivory colored beads, which covers 6-7 inches of target at 50 yds! So it's difficult to shoot little groups with. Wish we had taken the time to put the scope on for test work. The sight was high and slightly right, which is easy for Sam to sort out, but the sight is not adjustable, yet, so we did nothing with adjustment of sights. At 25 yds we could see better so we shot better of course. But it seems the rifle will regulate with most any of the bullets we used, and CEB BBW#13s is not going to be a problem at all! This is a Sabatti without the grinding in the muzzle. So they are coming along it seems! I found the rifle excellent in all ways, it was tight, functioned perfectly, and shot very well. We tested a lot of loads in it with IMR 4350 from 104 grs to 108 grs and it was giving us over 2100 with the 107 and 108 grs of IMR 4350. And the 107 and 108 seemed to shoot the best and closest with the BBW#13s--some in the same hole, and all close within 2 inches or better. Excellent with that big bead that covers everything, I suspect with thes cope on there would have been many holes touching right and left at 50. And probably many 1 hole groups at 25 yds! I see zero issues with this rifle.

Mike also got his 458 B&M sighted in and BBW#13s Solids and NonCons in the same hole at 50 yds, 450 #13 Solids/420 Matching NonCons. Not much time to try anything else, as both Mike and Sam decided to call it a day late Friday and head home.

We had a great time as always, just wish I had been more caught up on Thursday and could have spent more time with them!

Michael

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Posts: 8426 | Location: South Carolina | Registered: 23 June 2008

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