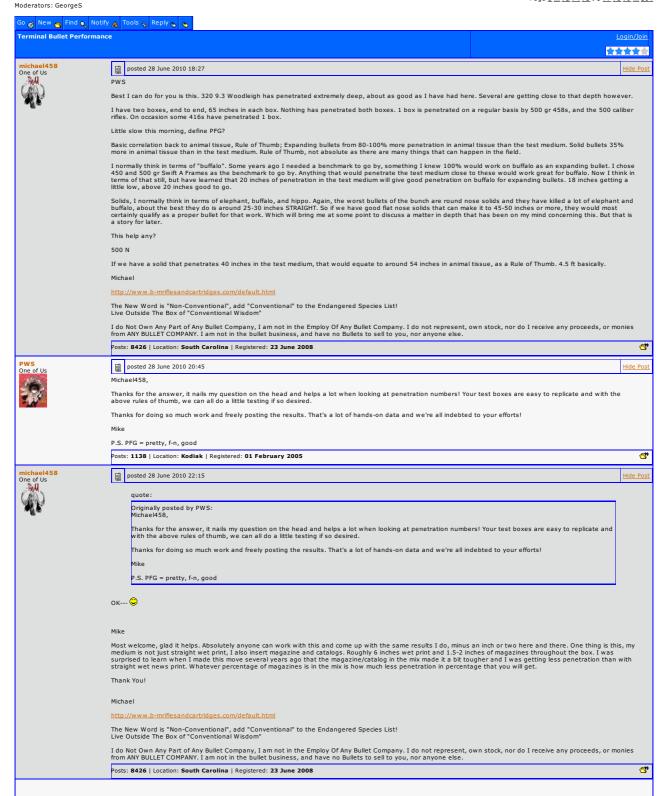
THE ACCURATERELOADING.COM BIG BORE FORUMS



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Hide Post

I had not tested the Barnes 300 gr X FN for 45/70 since probably about 2004 or so. Back then, using straight wet news print, as I recall it did fine. Dave mentioned the other day it shed petals, and of course as we know now that really is not a bad thing, at least in my mind, penetration increases by the remaining slug continuing to penetrate, where if the petals remain, penetration is less. Petals do damage to tissue, and trauma is inflicted as the petals shear, copper shears off within the wound channel and brass shears and moves away from wound channel. Couple of different concepts involved with this.

Anyway, it lead to my curious nature to wanting to retest the bullets to see. My stock is old, probably at least about when the bullets came out and I don't remember when that was. Seems I remember having some on a hunt once, never used them, but that would have been at least 2004 or before?

Regardless, today one shed all it's petals and the other only lost one petal. Penetration was very good with both, and of course the one that shed petals had a little deeper penetration, as it should have. Trauma inflicted to the test medium was good. Honestly I do not consider the petals shedding a failure, in fact I think it's a plus!



M

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





posted 30 June 2010 01:39

n one tested I myself

There is one thing I would like very much to add to our discussions about bullets. Lord knows we have done some bullet tests. Now with each one tested I myself consider the use of said tested bullet, how can I use this bullet to my benefit in the field, or to make my rifle and carridue combination more versatile?

What I would like to hear from everyone when we test a bullet is this

How would you utilize this bullet and would it do anything for you, or your rifle/cartridge to widen your choices and add versatility to you?

Of course I have my own ideas, but I really would like to see some discussion on this.

Michael

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



| iii | posted 30 June 2010 03:44

Tanzan

Take note this is the flat nose HP 6 bladed version made for the 45/70. These are older and not TSX. Not sure if they are making TSX in this for the 45/70 or if it is still without bands? I have not bought any in years for this. The 458 B&M has taken place of nearly all .458 caliber guns.



I have an excellent attitude towards the Non Cons, including Barnes. If the petals hang on, fine, if they shed, fine, either way, superb performance and I see no down side either way.

I have TSX on the shelves, but thanks. It's a mainstay and will be excellent for the upcoming 458 Super Short. Also I have some of the new 300 gr blue tipped TSX delivered today, along with a new silver ballistic tip 300 gr 458. We will test next week both of these, and maybe I throw in some 300 TSX in the lott and 458 B&M for retest.

Michael

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posted 30 June 2010 03:54

Hide Doct

Tanzar

Let's not forget our Non Conventional bullet performance. Excellent trauma transfer and deep penetration!



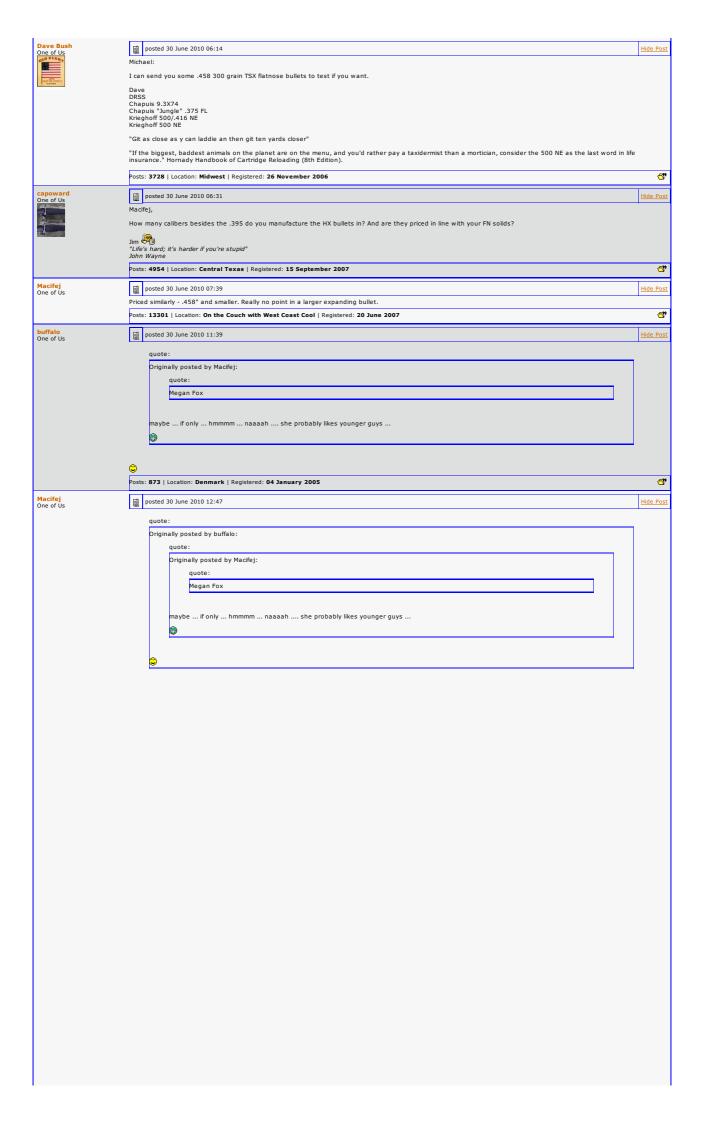
Michael

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	Posts: 8426 Location: South Carolina Registered: 23 June 2008	ී
RIP one of us	posted 30 June 2010 05:11	Hide Post
	Yep, Good performance on the NonCon, either way, petals of the metals, on and off. The shower of metal petals plus the deeper penetration of the "cylindroid" remnant = supernova deathstar! I like those Six-petal Hexplosions! Kind of reminds me of S&H. 395/310gr VeloHex buillets. And Megan Fox's saloon girl underwear was cute in that new Jonah Hex movie, eh?	
	Posts: 28032 Location: KY Registered: 09 December 2001	₫*
Macifej One of Us	iii posted 30 June 2010 05:51	Hide Post
	quote:	
	Megan Fox	
	maybe if only hmmmm naaaah she probably likes younger guys	
	⊕	
	Posts: 13301 Location: On the Couch with West Coast Cool Registered: 20 June 2007	₫*
Macifej One of Us	posted 30 June 2010 05:52	Hide Post
	Posts: 13301 Location: On the Couch with West Coast Cool Registered: 20 June 2007	₫*





Posts: 13301 | Location: On the Couch with West Coast Cool | Registered: 20 June 2007

₫"

buffalo One of Us

posted 30 June 2010 13:19

what you mean, I know what you mean....

She`s not that bad at all 😊

Posts: 873 | Location: Denmark | Registered: 04 January 2005

⊴"

michael458 One of Us One of Us Description (In the Policy of Us One of Us On

michael45 One of Us

I have been up to my eyeballs this week and have not had much time to get everything done I wanted too, so far. But the week is not over. I did manage to give the North Fork CPS 325s and 350s a workout this week, but only now getting them posted. I am going to repost the other test to go with the new ones, starting with 45/70 and working to 458 Lott.



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Posts: 8426 | Location: South Carolina | Registered: 23 June 200

G.



posted 01 July 2010 18:02

First up, 45/70. Forgive my photos, not as clear as they could be. Testing both 325 and 350 North Fork CPS was done with a Marlin Guide Gun. I was very impressed with the penetration of both. Even at the lower velocity penetration was very good, expansion was good, and trauma inflicted was typical of these type bullets, which is very good, expecially for the velocity. I know of no other expanding bullet in 45/70 that can penetrate as deep as these, other than other Non Conventional expanding bullets. These do qualify in my mind as Non Conventional. An excellent choice for many different applications in 45/70 I think. In fact I will tell you right now, I wish I had this bullet way back in 2002 when I decided to shoot a cape buffalo with a Marlin Guide gun, I guarantee I would have had better results. The penetration is there, with both bullets, along with all the other benefits needed.







Michael

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





posted 01 July 2010 18:08

Hide Post

Next we can review the same 325 and 350 North Fork CPS in the 458 B&M at two velocities. Results again were very excellent! Penetration, expansion, trauma inflicted to the test medium, all superb at either velocity. I am thinking the 325 will be an excellent bullet in my little 458 B&M Super Short! Just excellent! Once Hornady gets my dies, I will be testing the 325 CPS again with the Super Short. I will also consider taking it on one of my Australian buffalo shoots in the near future and give it a go!







Michael

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

<u>~</u>"



posted 01 July 2010 18:58

Hide Pos

Last but not least, 325 & 350 North Fork CPS in the 458 Lott at it's velocities. Here we see we found the point that we can shear some of the expansion off. Penetration was deep, trauma inflicted was quite interesting, and expansive. There is no down side to more velocity with these bullets, regardless if the expansion starts to shear off, it makes no difference, in fact things are enhanced. The North Fork CPS much a no downside bullet. Expansion, penetration, penetration, penetration, penetration, penetration, penetration, penetration, penetration, penetration, and trauma inflicted is superb, regardless of 45/70 velocities or much or a 1000 fps more! Congratulations North Fork—This is a big Winner and it really should optimize many cartridges. Also there are ZERO feeding issues in my Winchester M70s—they gobble these up without even a bump, so slick you are not even sure you picked up a roundful!! Take note other lesser rifle manufacturers!!!!!





Michael

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





posted 01 July 2010 19:52

In the 45/70, Barnes 400 grain Buster bullets are better!

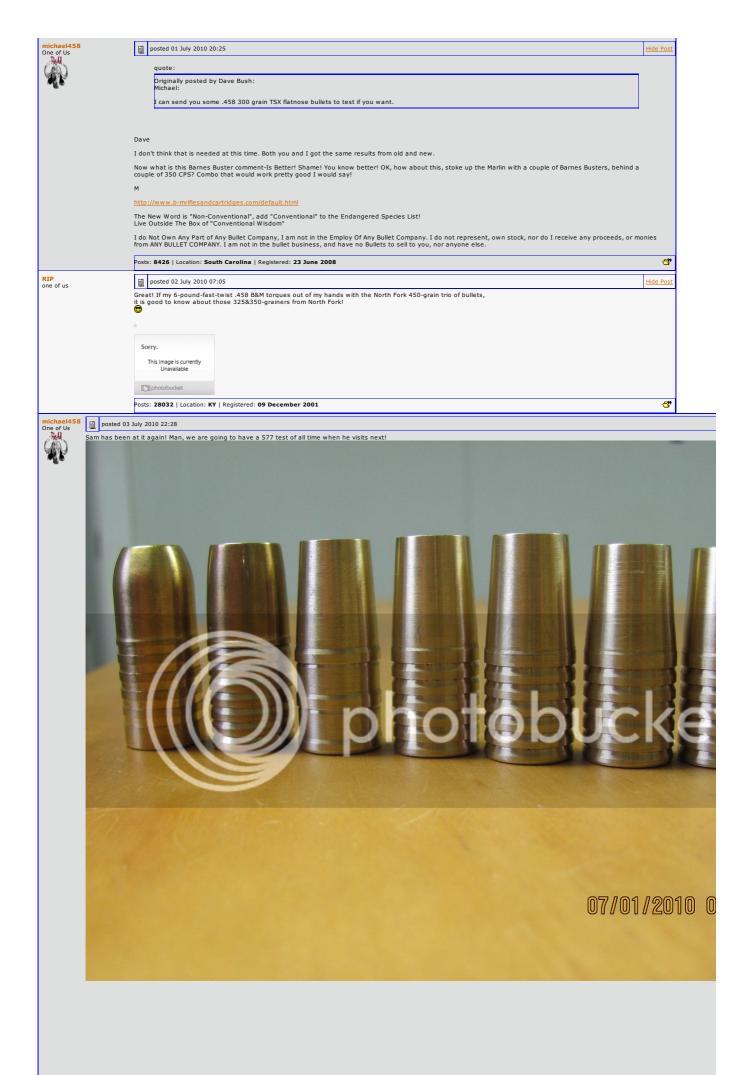
Dave DRSS Chapuis 9.3X74 Chapuis "Jungle" .375 FL Krieghoff 500/.416 NE Krieghoff 500 NE

"Git as close as y can laddie an then git ten yards closer"

"If the biggest, baddest animals on the planet are on the menu, and you'd rather pay a taxidermist than a mortician, consider the 500 NE as the last word in life insurance." Hornady Handbook of Cartridge Reloading (8th Edition).

Posts: 3728 | Location: Midwest | Registered: 26 November 2006

₫"





Corbin is still hot on 6.5, this has to be the longest 6.5 I have ever seen! 166 grs and over 1.5 inches long!



Michae

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michael458
One of Us

Sam has to am has been "screwing" with the bullets AGAIN! 07/02/2010 0

"This is a Screwy Bullet" ©

Michael

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

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

Bike Ride One of Us

posted 03 July 2010 23:06

6.5's rule!!! Bell did great work with a 6.5mm.

Will be interesting to see what Sam's bullet will do. My only concern is that it is too looocoooooog and will not be stable. He can always make shorter bullets 🕲

Posts: 243 | Location: USA | Registered: 20 August 2002

♂°

quote:

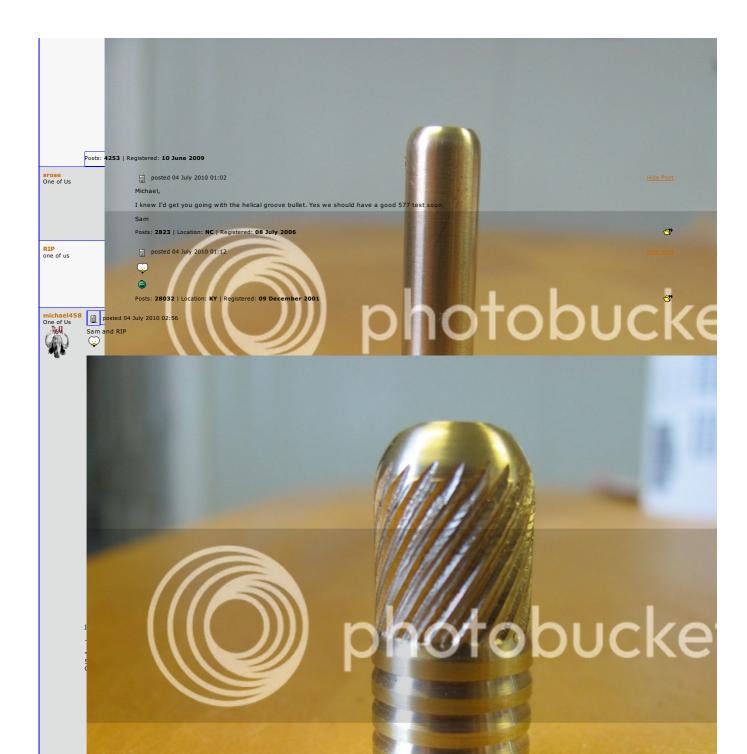
416Tanzan One of Us posted 04 July 2010 00:06

Originally posted by michael458: Sam has been at it again! Man, we are going to have a 577 test of all time when he visits next!





Corbin is still hot on 6.5, this has to be the longest 6.5 I have ever seen! 166 grs and over 1.5 inches long!



This is a hoot, OK, is it for the 577 or what? You did not say?

I got to thinking about this

This thing just might "screw" itself into the target dead straight?

Sam, You "screwing" with me ain't ya?

Bet you wore the rest of your bastard file right on down to the nubs o this one, guess you are "screwed" now, without a bastard file to make more bullets?

07/02/2010



Tanzan

Hell I am not even sure I can get this in the rifle, much less shoot it?



I will bet you this much, if it hits the test medium STRAIGHT on, not sideways, then it is going deep!

Double Rifle Lurkers



Minimum bearing surface bullet!

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



Hide Pos

Its a .500 and I made two. One is about 400 grains and the other is 450 grains. Nobody can say we aren't trying new ideas even if they are screwy

Sam

Posts: 2823 | Location: NC | Registered: 08 July 2006

_್



posted 04 July 2010 03:37

Man, great, you know I love .500s! EXCELLENT! One never knows! I have those boat propeller bullets JD had done, moves fluid, and limited penetration just by the 3 cuts around the meplat! It takes very very little to change the entire behavior of a solid. Sometimes one cannot even see it. I remember taking one of the round nose solids and flattening the nose on the grinder. Damn, it looked pretty good, it looked close, it measured close. Didn't do any better than it's parent did, veered off course. Same bullet done on CNC--100% dead straight, should have used a good bastard file I suppose like you.

I would venture to say that no one on the planet has done as much as we are right here on AR with solids. And with you on our team now, we know no bounds!

Thanks Sam, you efforts are not only appreciated, but they are amazing! Still have not talked to Dan yet, however have communications, it has been an extremely rough week here, so I have a plan next week to start some dialog with him and get us moving in the right direction on the bullets. I think this is going to work out just fine just from having some email contact back and forth. Thanks to Corbin for finding him.

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

€"

srose One of Us

posted 04 July 2010 08:11

Hide Pos

Thanks for all you have done. I used to think the Woodleigh RN was the only solid to shoot and you inspired me to try new things even if they don't work. Its always fun to learn new things and your testing has really opened my eyes. Yeah I'm screwing with you just because you are the mad scientistand I know you have probably already done or thought of what I'm doing. Hey I'm having fun and we'll see what works the best. I what to see that perfect solid someday. I want to know when I shoot a solid its going where it was aimed.

Sam

Michael,

Posts: 2823 | Location: NC | Registered: 08 July 2006

_್

posted 07 July 2010 02:45

Well it's been a long time coming, but we are getting close to learning what size meplat will do what! Thanks to My Pal Sam!

months ago 465 HH and I spoke about a test that would involve different size meplats to learn just exactly what would be able to stabilize and what would not. Since then, we have traveled make the learned this about solids and meplat sizes.

First, we believe we know that when you get above 65% meplat of caliber, then the bullet is able to stabilize itself, pretty much regardless of twist rate. Below 65% meplat of caliber, then twist becom factor, and will increase straight line penetration, the faster the twist, the more straight line penetration obtained. We believe that once you start to move above 70% meplat for caliber that you will he penetration, regardless of twist, but at larger meplats, 75% of caliber, then you will see a reduction in overall total penetration, but you will also see more trauma inflicted to the target by the larger m

What we do know for sure is that Nose Profile and the Percentage of Meplat of caliber are the most important factors of all with solids and straight line and deep penetration. Followed by twist rates, and maybe SD comes in there somewhere bringing up the rear, but only if everything else is dead equal.

Now we finally have a chance to work towards 100% proof of this. Now 465HH will say nay, because of sample size, which is two in each case. Yes, 4 would be better, 10 would be better than that, ar better, hell 100 each would be real good, but logistics does not allow for that, so we have two to work with, and unless I miss my guess, that will be enough!

In my mind, this will be the most important test I have ever conducted period. I will not pull this off in a day! This is going to take some time, as I am going to do everything within my power to make it possibly can. I suspect it will take a full week to do this proper and that's the only way I will have it. There is much work to be done on this one.

Here is the lineup. All are .500 caliber. Since this photo, Sam did make some round nose versions to start things off with. I will be testing in a 1:12 twist rate barrel. I am not sure of whether it will be on the 500 MDM yet until I get my hands on the bullets. Sam says they are going in the post this week to me, so when in hand I will set the test up and possibly start on them next week. This will be one attention to.



Thank You Sam!

Michael

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





posted 07 July 2010 03:02

Hide Pos

Ok, I want to "lobby" for a change on the BIG BORE Forum. I think it was mentioned before by someone, but I am sick to damn death of looking at that "round nose FMJ" bullet at the top of our forum!

I want a Proper Flat Nose Solid there!

Who is With Me?

Michael

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

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