THE ACCURATERELOADING.COM BIG BORE FORUMS



Accurate reloading.com The Accurate Reloading Forums THE ACCURATE RELOADING.COM FORUMS Rifles & Big Bores Terminal Bullet Performance
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Roughly estimating a 25-grain loss when the flat base is turned into a flat nose in this caliber, so whittle the 375-grain HP down to reversible:

The reversible would be about 350-grains and 1.500" long.

That is mighty long. I would not want to go any lighter than 350grains for the all-purpose .423-caliber reversible.

Add the Talon Tip and it is way long, about perfect for long range use in my 1:10" twist McGowen barrels ... as long as the .423" diameter brass works in the .4245" McGowen barrels. The .423" North Fork copper bullets have always been sub-MOA in same barrels.

If necessary, Pac-Nor .423" grooves, and fast twist. 🅞

BUT hold my hosses: These new CEB bullets measure .424" on the bands by my calipers! Should be perfect. 0.412" on the bore-riding shank, and the HP cavities are about 0.448" deep.

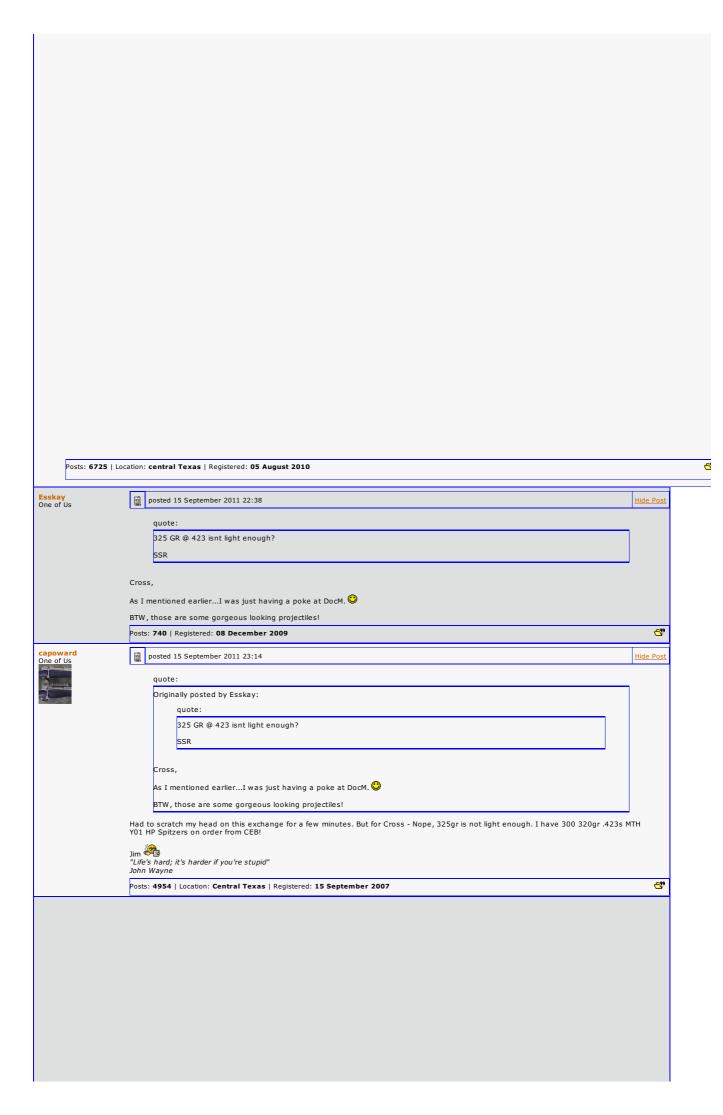
Bands on the Reversible format: 4 bands in the middle, and no seal band at the base, of course, since there is no more flat base.

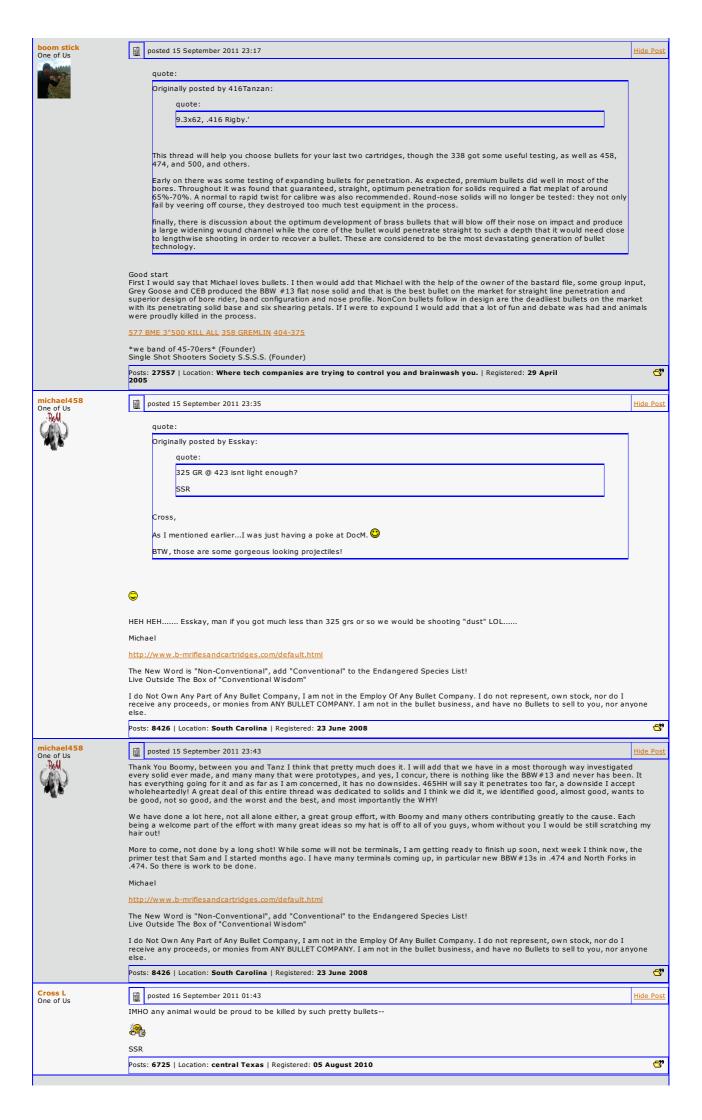
Well, just sticking with the current band structures on separate FN and HP bullets, with the option of the Talon Tip on the lighter HP, and the heavier FN for "solid work," well, that ain't such a bad idea!

Maybe I better get on Dave Bush's trolley, and keep it on the tracks ...

"Scope lightly and carry a big kick and you shall go far." Theodore Roosevelt, from The Happy Hunting Ground.

325 GR @ 423 isnt light enough?





myself! LOL

posted 16 September 2011 02:12

I know for my part it would make a big difference to me if I was hit with a ugly bullet or a pretty bullet! 🔲 Just as soon not try out either

Hey, food for thought, take the shot???



Oppps, better not take the shot!



No I was not going to shoot this hippo, I just thought it was a good photo and was amazed at when I was processing the photos that the little one was so well hidden!

Michael

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

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





posted 17 September 2011 23:46

I spent most of the day on the range, from about 7:30 this morning to 1:30 this afternoon! Whew, tired! Mostly doing pressure traces with the 458 B&M, 450 BBW #13 Solids and 450 BBW #13 NonCons, I have been wiped out of 480 BBW #13 Solids--Lionhunter and his partner Carl wiped me out of those, and by the way, I think they are in Africa now, hunting elephant and other critters, with BBW #13s, 480 and 450 NonCons! Can't wait to hear from them!

I did manage to do the terminals with the 475 B&M Super Short and the 350 CEB BBW#13 Solid and it's matching 320 NonCon today. Boring--excellent performance as normal! I did get a bit more penetration out of the solid than I expected, for such a small .474 caliber bullet? I expected something around 45 inches or less! Surprise. ?? Don't know, but it was consistent. Had one get a tiny bit off course, but of little or no consequence. 475 B&M Super Short
9/17/2011
1:10 Twist Rate
350 BBW#13 Solid
Muzzle Velocity 2206 fps
22 Yd Impact Velocity 2111 fps
X2--50 Inches Straight
X1--51 Inches 1.5 "Off Course





Michael

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

G?





posted 18 September 2011 01:38

Hide Pos

it's always good to get more data. Thank you.

I have a question on the chronographs. I ran BC calculations on those velocities and came up with .050BC. If those chronographs are correct then those bullets are losing 100 fps per 20 yards.

"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**

€39





posted 18 September 2011 05:36

Hide Pos

"When the wind stops....start rowing. When the wind starts, get the sail up quick."

Posts: 10947 | Location: New Zealand | Registered: 02 July 2008

The 423 cal in 350 gr looks great. Would be ideal for the 10.75X68.

€?



posted 18 September 2011 13:43

Originally posted by 416Tanzan:

it's always good to get more data. Thank you.

I have a question on the chronographs. I ran BC calculations on those velocities and came up with .050BC. If those chronographs are correct then those bullets are losing 100 fps per 20 yards.

The actual distance between chronographs is 17-18 yds. Muzzle to impact is 22 yds. BC is low, but depending on the G factor I would think more around .135-.149 or so.

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





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"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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posted 18 September 2011 17:29

<u>Hide Post</u>

Tanz

Oh I have taken notice of everything you say, make no mistake. I concur, 200 yds is a long way and I used to keep a data base on ALL animals taken, it averaged between 125-150 yds. Not including DG of course. Which is all short range. Getting past 50 yds is very long in that dept.

As for the .510s, we went with traditional weights there, solids at 570 and the NonCon just happened to be 535. Oh for sure, one could easy duplicate the .500s I have done and do .510s along the same lines, and it be very successful. Problem is, all my stock is invested in .500 caliber, for the B&Ms and the 500 MDM. I have but one .510, that big 12 ib Ruger 510 Wells, and it's a useless thing, other than being an excellent test rifle for the .510 bullets. Not being a Winchester it is doomed to the rack, never to go to the field, being that the case, and having little vested interest in .510 over the .500, then I am not likely to work up enough personal interest in lighter .510 caliber bullets to invest my \$\$ in playing with them. Of course, without issue, should someone want to invest in lighter .510s I have a tool in which to test and evaluate them. Since having 5 different .500 caliber cartridges, then my personal interest is with that.

Michael

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Then we have the 400 gr Hornady HP. These are some bullets I have had around for many years, first for the old 470 Capsticks I have as a cheap light weight bullet to play with. Never really did much there because of having so many issues with the Capsticks. So I used the remainder up in getting some load data and this in the 475 B&M Super Short. Hornady may have changed this bullet some since I bought these, I don't know. But the Super Short is able to get them right to the point of where they start to break up. 1 out of 4 broke at this impact velocity, so it is close. Dropping velocity by 100 fps would solve that issue with this bullet. Or, just don't shoot anything under 20 yds, keep the velocity, and once the bullet would get to 50 yds, then it is good to go! But that is sorta hard to do in some cases, eh?



I think Sam dropped off both the 325 and this 400 gr Speer Gold Dots. I know I did not purchase them, so I am sure he must have. I can report at top velocities the 475 Super Short can run them too, they are damn good conventional bullets! I would not hesitate to use them for "ALMOST" anything the 475 B&M Super Short is capable of taking on. Really bigger things and most important things, I would rather have the BBW#13s and the North Forks, that is what they are for. But for general purpose these Speers look very good!



Michael

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



Phatman One of Us



posted 25 September 2011 08:57

Hide Pos

I was noticing that the blades on the BBW #13 HP sheared at 2 inches. I was wondering if an alloy change might make it go a bit deeper before shearing. I was thinking bronze with the hollow point extending down to the crimp groove to ensure a shear point. You might even try some with the hollow point a little shallow of that to delay it further. I am thinking very high velocity on very large game here.

Just a thought

Give me COFFEE and nobody gets hurt

Posts: 1608 | Location: San Antonio, Texas | Registered: 04 January 2010



boom stick One of Us



posted 25 September 2011 09:58

I never recovered a 400 grain Speer Gold Dot on hogs. All pass throughs and one was about 2.5 feet of penetration. Shot at 2,400 fps Farthest shot was 100 yards.

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



michael458 One of Us



posted 25 September 2011 16:25

Phats

I am very reluctant to play with the depth the blades shear at. After doing some critter shooting now, those blades are doing damned near perfect, they are shearing roughly the same or close to the same in animal tissue as they do in the test medium, sending the blades away from center in all directions, and they are tearing vital tissues to shreds. At the point of shearing they are tearing great big gaping holes in lungs, and heart tissue, of course depending on entry point, and the destruction is enormous in both. Then tapering off to individuals after that. Really can't see much point in screwing around with it. Of course, with the exception of the Carnivore, which in my vision will be the most wicked thin skinned DG bullet ever.

Boomy, you are and have used the .475 400 Gold Dot? What in? Sounds like maybe a Capstick? 2.5 feet, 30 inches of animal penetration? Hmmmm, right at my "Rule of Thumb" from 80%-100% of the test medium sounds like to me!

Michael

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