## THE ACCURATERELOADING.COM BIG BORE FORUMS



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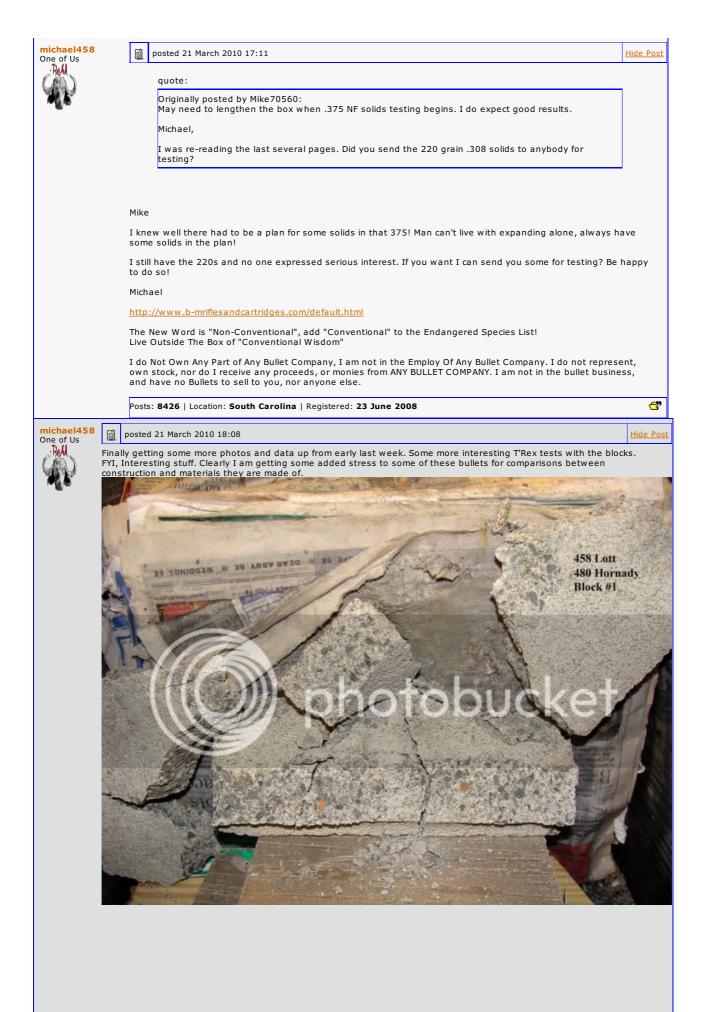
Moderators: GeorgeS

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Terminal Bullet Per	formance	ogin/Join
Hoot Murray one of us	posted 21 March 2010 07:37	<u>Hide Post</u>
	Michael458,	
	This will be my third safari with HHK. My PH will be Brent Hein and he was my PH on my previous two hunts. I l you think that if you are going to Zimbabwe, it would be hard to overlook HHK. We've always had first class de with them. No issues whatsoever. I sure am looking forward to this safari.	
	Tenga cuidado, Hoot	
	Posts: 788   Location: La Luz, New Mexico USA   Registered: 08 March 2001	්
I Bin Therbefor One of Us	i posted 21 March 2010 07:42	<u>Hide Post</u>
	Mike70560	
	Mike Brady always claimed that with a properly designed and constructed soft_point, the harder you drive it, th	he
	deeper it will penetrate. I think that's what you're varifying with your tests.	
	Posts: 404   Registered: 08 May 2005	්
michael458 One of Us	i posted 21 March 2010 16:04	<u>Hide Post</u>
Rell		
(AN)	quote:	
-Se	Originally posted by RIP: Still waiting on the Pac-Nor Barrel for a 20" .458 B&M that might weig <u>h</u> 6.5 pounds dry.	
	However, I am quite comfortable with carrying grownup-sized rifles. 😌	
	I am still waiting to grow up! Not sure when that is going to happen, but it's been a hell of a ride so far, so I a just hanging on! If growing up is any more fun than what I am having now maybe I get there one day! If not, what the hell, I just hang around not being grown up! M	
	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"	
	I do Not Own Any Part of Any Bullet Company, I am not in the Employ Of Any Bullet Company. I do not represe own stock, nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet busines and have no Bullets to sell to you, nor anyone else.	
	Posts: 8426   Location: South Carolina   Registered: 23 June 2008	්

One of Us	📓 posted 21 March 2010 16:36	Hide Post						
Tech .	Mike							
	You are going to be hard pressed to beat the North Forks! Top of the line premium expanding bullets for sure. While I have not used them in the field yet I have zero doubt of what they will do and how they will perform. I have tested only a few of them, I got some 325 416s and some 350 458s some time ago for the 416 and 458 B&Ms. Tested, but not taken to the field. Test exactly like what you show here. Very consistent across the board in performance.							
	Now I suppose that you will be matching a SOLID to work with these? You and RIP are going to have to do all the 375 tests, I don't own one.							
	As always, good work and good show!							
	Michael							
	http://www.b-mriflesandcartridges.com/default.html							
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	Posts: 8426   Location: South Carolina   Registered: 23 June 2008	්						
michael458 One of Us	posted 21 March 2010 16:50	<u>Hide Post</u>						
	Hoot I don't know Brent. But I am sure he is a super guy, HHK does not have any slack folks that I have met. You w well taken care of for sure! I have been taking a break from Africa since 2008, skipping 2009 and this year tot We had just a bit much over the last 10 + years and travel has become such a hassle. There have been years I crossed the pond 4 times in one year, too much. So I am hoping to regain some enthusiasm by taking some off to do other things. Talking to Rich now about 2011 and some buffalo and maybe another ele or two for the MDM. Then probably drop back to RSA for some shooting with smaller guns and the NonCons! I want to give t NonCons a proper workout on some thinner critters.	tally. s that time e 500						
	Michael							
	http://www.b-mriflesandcartridges.com/default.html							
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	Posts: 8426   Location: South Carolina   Registered: 23 June 2008	්						
MikeBurke One of Us	posted 21 March 2010 16:50	<u>Hide Post</u>						
100	May need to lengthen the box when .375 NF solids testing begins. I do expect good results.							
	Michael,							
	I was re-reading the last several pages. Did you send the 220 grain .308 solids to anybody for testing?	_ <del></del> 99						
	I was re-reading the last several pages. Did you send the 220 grain .308 solids to anybody for testing? Posts: <b>2939</b>   Registered: <b>26 March 2008</b>	්						
michael458 One of Us		<b>ී</b> Hide Post						
	Posts: 2939   Registered: 26 March 2008 i posted 21 March 2010 16:55 I am not sure how our test week is going to go this week? My dumbass went to the range yesterday with the Capstick to just shoot a few rounds and sight the scope in. No big deal, but my jaw took a beating from the to removal and is not doing so well. Only 4 rds. It's pretty sore right now. Might have to lay off a day or two, but not think such a little thing as 4 rds of that would bother it, wrong. I had not had the 470s out in 2-3 yrs and upped the charges a bit to see if I could get velocity up with those shorter barrels. Nope! In fact I was a little surprised, I went 2 grs over what I had done a few years ago and got even less velocity. I am hovering 2150 with 500s! I was hoping over 2200. So will be testing the 500s in 470 at 2150.	Hide Post e 470 ooth t I did I						
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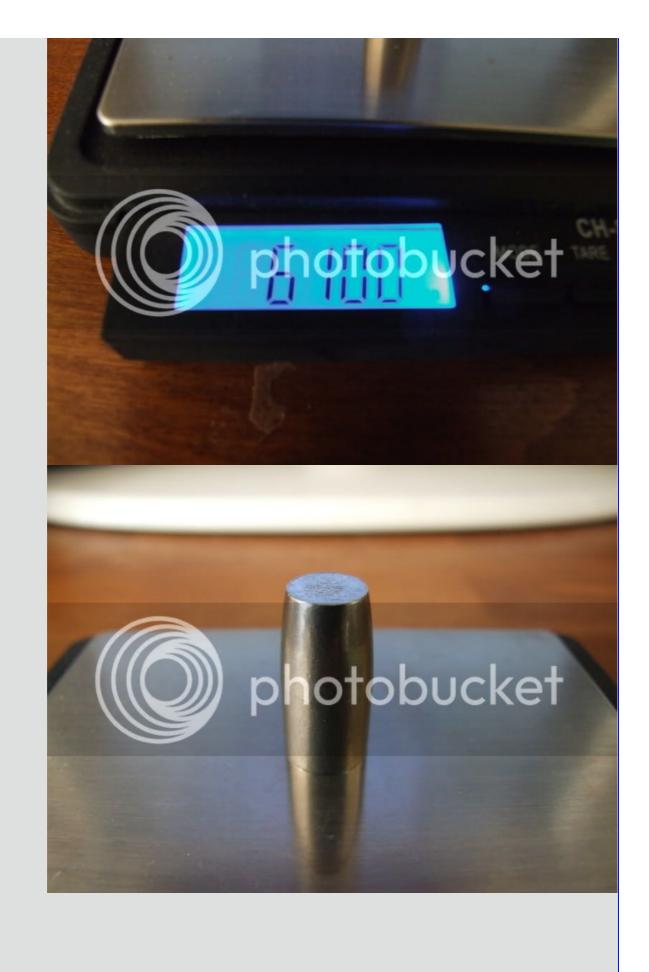


Should Read "AT 20" Wet Print 1.5" Concrete Block Added! 438 Lott 480 Hornady DGS Muzzle Velocity 2254 fps Concrete Block T'Rex Test 5 Inches Wet Print 1.5 Inch Concrete Block 20 Inches Wet Print 1.5 Inch Concrete Block Remainder Wet Print Through Both Blocks to 22 Inches Stopped on other side of 2cd Block

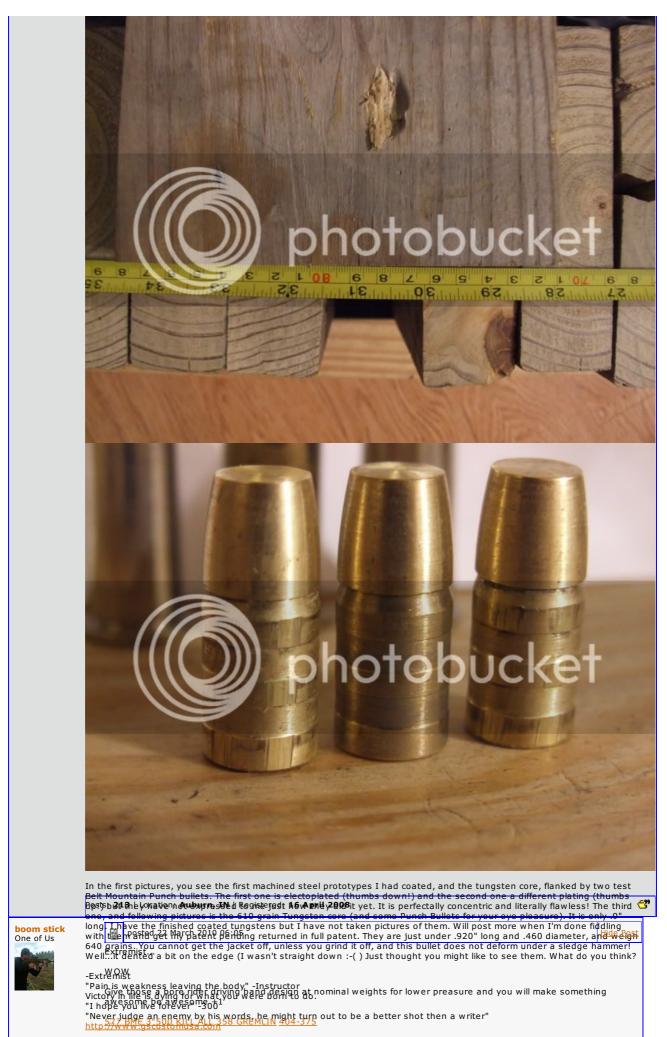


		Remainder Wet Print	
		Remainder Wet Print Through Both Blocks to 22 Inche 2cd Blo	25
	1	hrough Both Blog 2cd Blo	rck
	SI	topped on other si 2cd Blo	
	Posts	8426   Location: South Carolina   Registered: 23 June 2008	്
RIP one of us		posted 22 March 2010 03 23 Hornady DGS by Doc M: Ouch! Looks like the Hornady DGS solid is a better bullet than their DGX soft, which can totally shed its core in a dirt to but still not as good a choice as a monometal copper or brass FN solid.	<u>Hide Post</u> Derm,
		North Fork softs by Doc Mike: There is no better soft. If you can push it fast enough,	
		the expansion will max out and then fold back to smaller frontal area, and give greater penetration as you go faster, so Mike Brady said	
		Posts: 28032   Location: KY   Registered: 09 December 2001	C"
jwp475 One of Us		j posted 22 March 2010 03:40	<u>Hide Post</u>
		quote:	
		Originally posted by RIP: Hornady DGS by Doc M: Ouch!	
	<u>http:</u> ,	Looks like the Hornady DGS solid is a better bullet than their DGX soft, which can totally shed its core //www.jp.n.ditsbeffuertridges.com/default.html but still not as good a choice as a monometal copper or brass FN solid.	
	The N Live (	lew Word is "Non-Conventional", add "Conventional" to the Endangered Species List! Dutside The Boy of SCS by Proceeding Wisdom" There is no better soft.	
	I do M	Not Ow <mark>ዘሻለእን የትናት የተለምት የትርጉት የእንዝያት</mark> እንዲሆን በ am not in the Employ Of Any Bullet Company. I do not represent, ow por dathe #¥Ransign will መልዳ ያለር and ደቅርክ የስፈላ ቅሬናክ ነው ምክብለው ለበምት በመደረገ በ የሰላ በ የተለም የተለም የሆኑ የሆኑ የሆኑ የሆኑ የሆኑ የ	n e no
	Dullet	s to senter you you of a stry fig the Brady said	
		I wonder how much speed is required?	
		· · · ·	
		A 9mm may expand to a larger diameter, but a 45 ain't going to shrink	
		Men occasionally stumble over the truth, but most of them pick themselves up and hurry off as if nothing had happened. - Winston Churchill	
		Posts: 5077   Location: USA   Registered: 11 March 2005	C"
Extremist458 One of Us	8		<u>Hide Post</u>
		RIP, jwp475, I cannot agree more. That is why I started using the GSC FN bullets back in 2001-2002. I started shooting the 400gr out of my 45-70 (yes, I'm one of "those" guys) at 2200fps+ and was getting great results on White tail. Went down 350 2 years later, 2300fps, and things really started picking up for me. Ended up trying their 300 o shear curiosity the next year, at 2420+fps, and the results were phenominal! So I tested them about 4 years a The 400's got a little expansion at 25 feet, maybe up around .400 on the meplat. The 350's grew to bore diameter+, and the 300 around .490+. I can honestly say that I have yet ever been able to keep one in a whit tail, not that it's all that thick, but from any angle, and I have over 30 witetails taken to show for it. Length wis through both shoulders, through the spineand all great wound channals with only one that ever moved, and was about 20 yards where I gave it anotherthat is why I love the lever guns! I don't have pictures from thos tests, but I do have one that mimics it from the GS website, on this page: <u>http://www.gsgroup.co.za/03fn.htm</u>	out of ago. ce se, I that se
		-Extremist "Pain is weakness leaving the body" -Instructor Victory in life is dying for what you were born to do. "I hope you live forever" -300 "Never judge an enemy by his words, he might turn out to be a better shot then a writer"	
		http://www.gscustomusa.com Posts: 213   Location: Auburn, IN   Registered: 16 April 2008	<del>C</del> "
Extremist458	8		Hide Post
One of Us		475,	
	hav	r, do you remember our phone conversation? Guess what, I finished them! Well, not completely finished, becaus re to set up a system to cut grooves or bands (depending on what I can get away with), and then I can test the raid to test them without (ran out of funding). Here's what I have so far.	









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



RIP

posted 23 March 2010 15:28

Along with the 480 DGS I tested the 480 DGX when they hit the market. 480 would have made a good compromise bullet in between with the 458 B&M, but the deal is neither would perform good enough for me. I have rather high standards for my bullet performance, as we know, and I will accept nothing but the best. With Winchester M70s one does not have to compromise too much! I found the DGX bullet exactly like the big bore 458 Interbonds, the nose breaks off and a 400 gr slug penetrates to about 20 inches, let me see I think maybe I have a photo. Yes, found them.

> 458 B&M 480 Hornady DG Muzzle Velocity 2118 fps 21 yd Impact Velocity 2070 fps 19 inches total penetration Retained Weight 393 grs

> > photobucket

458 Lott 500 Hornady Interbond Muzzle Velocity 2253 fps 25 yd Impact Refained Weight 412 & 355 grs



Now the funny thing is the 416 caliber 400 Interbonds, performed differently from the 458 versions????? I never bothered with any of the 416 DGX's. These were a little soft, but at least didn't break in the middle. Would make good thin skinned critter bullets.

്

Hide Pos

416 B&M 400 Hornady InterBond Muzzle Velocity 2426 fps 21 yd Impact Velocity 2381 fps 14 inches total Penetration Retained Weight 334 & 347 grs

## Michael

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

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



posted 23 March 2010 15:31

Extreme

Those are some "Extreme" looking bullets! When is test day?

Michael

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

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

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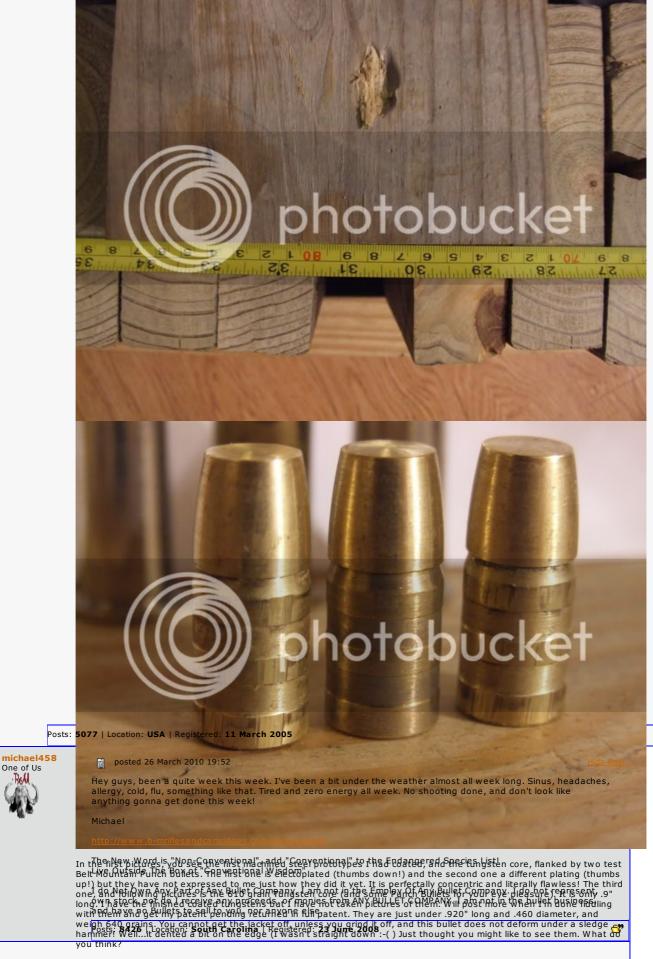
Hide Post

Extremist458 One of Us	posted 23 March 2010 21:18	Hide Post								
	Michael,									
	Sorry man, no testing in the near future. I have the machine I need all spec-ed out and designed, the engineering done and mathmatics worked out (that took a while) to final-form the bullet, but I have ran out of green for my green bullet!									
	Interesting note: Original intent was to creat a 600 grain bullet that was shorter then the 500's and even a but later decided to just stick with conventional weights for load development easebut was forced to stay by design peramiters. I needed to keep a shaft that was at least one caliber in length for proper loading & crimping, and the nose design is optimized with a .370+- meplat. Did lots O' research on the subject, and w lot of statistical data done by Bear Tooth bullets, Randy Garrett and jwp475, as well as some winning comb at the Linebaugh seminar, and formed this design. A simple modification to the design can be made with a struncated cone with a slightly smaller meplat to get the weight down to 600 (vs the 640-650 it is now), but the performance and reliability in feeding will go down.	y heavy ent off a inations straight								
Sooooo, I am waiting until a day sometime soon that I can continue with this project; my life's work, and s world what they have been missing $\widehat{\mathfrak{G}}$ -AP March 23, 2010										
P.S. I brought up a good point on here some time ago about material density & hardness relative to penetral (primarily in bone) and no one bit off on it. Interesting thing I've found, through some bit of research, is that harder and denser the object in motion, the greater the penetration, AND the less energy spent in the proce should say that the military has been testing this for years, and none of this is new, but I think it's something few big and dangerous game hunters take into consideration. I know this can turn into yet another SD and b weight issue, so I'll save us from that and ask that we keep it on actual material hardness and density. Thou										
	-Extremist "Pain is weakness leaving the body" -Instructor Victory in life is dying for what you were born to do. "I hope you live forever" -300									
	"Never judge an enemy by his words, he might turn out to be a better shot then a writer" http://www.gscustomusa.com									
	Posts: 213   Location: Auburn, IN   Registered: 16 April 2008	3								
I Bin Therbefor One of Us	i posted 24 March 2010 00:50	Hide Post								
	quote:									
	Extremist458									
		_								
	Please be careful when reading the military tests. There are material characteristics that are of interest who dealing with various armor plate that are not applicable here. Example, depleated uranium is NOT the most material but does interesting things when it hits armour plate.									
	Posts: 404   Registered: 08 May 2005	C"								
Extremist458 One of Us	i posted 24 March 2010 06:56	Hide Post								
	Great man, thanks, I'll be careful.									
	-Extremist "Pain is weakness leaving the body" -Instructor Victory in life is dying for what you were born to do. "I hope you live forever" -300 "Never judge an enemy by his words, he might turn out to be a better shot then a writer"									
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	Posts: 213   Location: Auburn, IN   Registered: 16 April 2008	C"								
jwp475 One of Us	ed 25 March 2010 04:44	<u>Hic</u>								
	ote:									
	iginally posted by Extremist458: p475,									
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Nice looking bullets 🕮

<b>RIP</b> one of us	josted 27 March 2010 06:12	<u>Hide Post</u>					
	Doc M, You done wore yourself out working so hard on the testin'.						
	Take a break an' rest up!						
	I got my Pac-Nor barrel delivered yesterday. 1:10" twist .458-caliber stainless, No. 4 Pac-Nor sporter contour, very slim at 28-3/8"" length, muzzle diameter is only .636",						
	but the shank is 1.205"-diameter for a full 3.325"-long Knoxform.						
	Plenty heavy, as it is .720" for muzzle diameter when cut to 20" length.						
	That is good.						
	I will send it on to Brian to get it chambered to .458 B&M. 🥩						
	Posts: 28032   Location: KY   Registered: 09 December 2001	්					
Macifej One of Us	posted 27 March 2010 10:35	Hide Post					
	HURRY!!! Someone overnight Doc M a bucket of Multi-Vitamins and a case of FRS!!						
	Come on Michael!! I haven't had a cold or Flu in over five years!! You need to modify your diet or quit o cheap booze!!	drinking					
	Posts: 13301   Location: On the Couch with West Coast Cool   Registered: 20 June 2007	്					
Esskay One of Us	bosted 27 March 2010 12:34	Hide Post					
one of os	Folks,						
	Am a new member here and have been following this thread with great interest. Some fantastic work doing here $\overset{\odot}{\bigcirc}$ .	you folks are					
	Ran across an article which may be of interestI am going to post the url as the article itself would ta full pagehowever an extract that vindicates the work you are doing here:	ke almost a					
		out the					
	"Understand the implications of this. It means that there is evidently something inherently efficient about the penetration of very broad flat-nosed solids (small meplats behave like conventional round noses). If you examine the bullets for which this behavior holds, the ratio of the meplat to the bullet caliber is typically 0.7 or larger. I						
	suspect that the effect is a minimization or even a damping of bullet yaw and that there is a point bet meplat ratio of 0.7 and 0.5 where an abrupt transition occurs. Now, I understand that very broad nos	ween a					
	are unpopular with users of repeating rifles because they have a nasty habit of snagging on the maga feed ramp, but for single shots and double rifles they really ought to be considered. "						
	http://www.rathcoombe.net/scilistics/methods.html						
	Regards						
	Posts: 740   Registered: 08 December 2009	<del>c</del> "					
michael458 One of Us	📓 posted 27 March 2010 18:28	Hide Post					
Real	RIP & Agent J						
M.F.	I'm worn out, that's for sure, but not sure if it was from the shooting or not! I doubt it! I am going to be taking a little break however for a few days. I have some rifles to sight in and minor things, but terminal tests are rather demanding so I will leave that for a few days. I have to get a 416 B&M ready for the Arctic, leaving April 10th. I had						
	decided to take an 18 inch gun, but I see Canadian laws prohibit anything under 18, and you know go officials and technical things. While the barrel is dead on 18 anyway you measure, I am not so sure a	government					
	official is competent enough to measure properly??? So on the safe side I am now leaning towards on inch guns!	le of the 20					
	YIPPIE RIPPY! PacNor ON HAND!!!! At 20 inches and .720 at the muzzle that is almost the exact same size as the 9.3 B&M barrel contourat .725. That is sweet little gun at 20 inches. The 9.3 comes in at 7.5 lbs, with a AI Claro						
	Walnut stock!!! With a synthetic it will come in at 6.5 easy, then bigger hole at .458 you are going to I the light department! 6 lbs? Nice! VERY Nice!						
	the light department. o lbb. Nice. VERT Nice.						
	Can't wait to see what that 1:10 does too!						
	Can't wait to see what that 1:10 does too!	self, must be					
	Can't wait to see what that 1:10 does too! Great! J, taking bucket full of drugs every day! I have not had a cold/flu or even terrible allergies in years mys	self, must be					
	Can't wait to see what that 1:10 does too! Great! J, taking bucket full of drugs every day! I have not had a cold/flu or even terrible allergies in years mys getting old! Problem is, not drinking enough booze! Need to drink more, get pickled!	self, must be					
	Can't wait to see what that 1:10 does too! Great! J, taking bucket full of drugs every day! I have not had a cold/flu or even terrible allergies in years mys getting old! Problem is, not drinking enough booze! Need to drink more, get pickled! Michael	self, must be					
	Can't wait to see what that 1:10 does too! Great! J, taking bucket full of drugs every day! I have not had a cold/flu or even terrible allergies in years mys getting old! Problem is, not drinking enough booze! Need to drink more, get pickled! Michael <u>http://www.b-mriflesandcartridges.com/default.html</u> The New Word is "Non-Conventional", add "Conventional" to the Endangered Species List!	represent,					
	Can't wait to see what that 1:10 does too! Great! J, taking bucket full of drugs every day! I have not had a cold/flu or even terrible allergies in years mys getting old! Problem is, not drinking enough booze! Need to drink more, get pickled! Michael <u>http://www.b-mriflesandcartridges.com/default.html</u> The New Word is "Non-Conventional", add "Conventional" to the Endangered Species List! Live Outside The Box of "Conventional Wisdom" I do Not Own Any Part of Any Bullet Company, I am not in the Employ Of Any Bullet Company. I do not own stock, nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet	represent,					

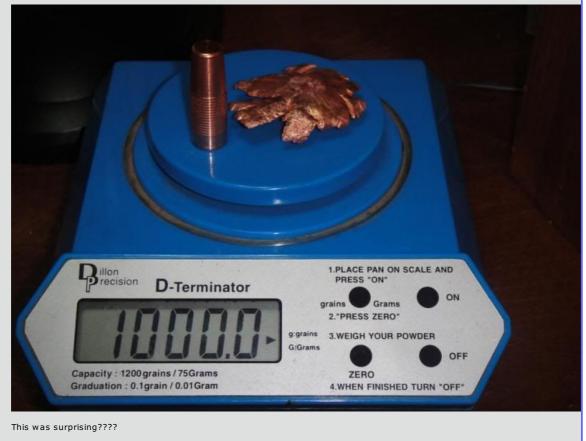
michael458	posted 27 March 2010 18:41	Hide Post				
One of Us	Hi Esskay!					
	A very warm welcome to you! Glad to have you on board, and glad that you have taken an interest in our little party! Thank you for the kind words, I thank you from all the guys here doing the work along side myself too!					
	Glenn (someoldguy) also brought rathcoombe to us way back when. I think we are on to it also. I appreciate and like the things rathcoombe has done with his work, but for some reason I just can't get to study his entire project, I suppose I am too busy with my own issues to get everything read and understood proper.					
	The extract you list absolutely falls very much in line with what we have been finding also.					
	I was thinking the other day, I know of no real studies in the area in which we have dived into head first, tes these big bore rifle solids. It's been danced around, but I have not seen anything as extensive as what we h been doing here, in particular with the variety that we have been working with. Oh no doubt, there is much t done, and much we could do far better and far more extensive. But for our purposes I think we have done pr well and covered a lot of ground in a short period of time. We have made some really great strides in this littl study of ours, and I am pretty sure we have a good handle on some of the very important factors involved;	ave b be etty				
	Nose Profile% of meplat for CaliberTwist RatesVelocityConstruction/materialSD					
	Those are the most important, and pretty much in order of importance as far as I am concerned. Did I miss ar guys?	ything				
	We have "miles to go before we sleep" but "I see the light", one might say!					
	Thanks again Esskay!!!					
	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"					
	I do Not Own Any Part of Any Bullet Company, I am not in the Employ Of Any Bullet Company. I do not represe own stock, nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet busine and have no Bullets to sell to you, nor anyone else.					
	Posts: 8426   Location: South Carolina   Registered: 23 June 2008	<del>c</del> "				
<b>Esskay</b> One of Us	posted 27 March 2010 19:14	<u>Hide Post</u>				
	Michael,					
	Thank you for the warm welcome 😀.					
	Used to live in the US for 25 years, now back in India. Grew up shooting the old English rifles. In fact, the first (other than a 22 Ir) was a 450/400 31/4" Farquaharson falling block.	rifle				
	I have a thread posted <u>http://forums.accuratereloadin4711043/m/8531031921</u> and if and when you have the time, would appreciate your advice.					
	Something that I am not sure of is this - is the relationship between rotational velocity (due to twist) and line velocity always constant? My gut reaction is I doubt it but don't know	ar				
	Regards					
	Esskay					
	Posts: 740   Registered: 08 December 2009	<del>c</del> "				

416Tanzan One of Us	國 posted 27 March 2010 21:37	<u>Hide Post</u>
	quote:	
	Originally posted by Esskay: Michael,	
	Thank you for the warm welcome 😀.	
	Used to live in the US for 25 years, now back in India. Grew up shooting the old English rifles. In fact, the first rifle (other than a 22 Ir) was a 450/400 31/4" Farquaharson falling block.	
	I have a thread posted <u>http://forums.accuratereloadin4711043/m/8531031921</u> and if and when you have the time, would appreciate your advice.	
	Something that I am not sure of is this - is the relationship between rotational velocity (due to twist) and linear velocity always constant? My gut reaction is I doubt it but don't know	
	Regards	
	Esskay	
	if i'm understanding your question I can give a quick answer: the forward velocity slows down at a faster rate than the rotational velocity.	
	Because of that, the stability calculations at the beginning/muzzle only get 'better' as the bullet slows down air resistence. The spin doesn't slow down as fast, so that relatively, the spin rate is increasing. Let's say in first ten feet a bullet would spin 10 times (from a 1 in 12" twist). Out at a three hundred yards the bullet ha slowed down so that it takes longer to cover the ten feet. For this example, let's say it only covers eight fee same time, but it still spins 9.8 times in the time it used to spin 10. That would be a considerable increase in realtive twist rate. It would be as if the twist became almost 1 in 8" (9.8 twists in 96 inches).	the s t in the
	+-+-+-+-+-+	
	"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	්
capoward One of Us	<u>             posted 28 March 2010 00:08   </u>	<u>Hide Post</u>
C photobucket	quote:	
J	if i'm understanding your question I can give a quick answer: the forward velocity slows down at a faster rate than the rotational velocity.	
	Because of that, the stability calculations at the beginning/muzzle only get 'better' as the bullet slows down due to air resistance. The spin doesn't slow down as fast, so that relatively, the spin rate is increasing. Let's say in the first ten feet a bullet would spin 10 times (from a 1 in 12" twist). Out at a three hundred yards the bullet has slowed down so that it takes longer to cover the ten feet. For this example, let's say it only covers eight feet in the same time, but it still spins 9.8 times in the time it used to spin 10. That would be a considerable increase in relative twist rate. It would be as if the twi became almost 1 in 8" (9.8 twists in 96 inches).	;
	Randall,	
	That is an interesting analogyand it makes perfect sense. Its certainly indicative that twist rate is more imp than perhaps we've even previously considered for terminal stability.	portant
	Jim 🛱 "Life's hard; it's harder if you're stupid" John Wayne	
	Posts: 4954   Location: Central Texas   Registered: 15 September 2007	<del>c</del> "
Esskay One of Us		Hide Post
	416Tanzan, That makes a lot of sense. I wonder if anyone has any idea of the ongoing relationship between rotations/f velocity, once the bullet has left the muzzle and started slowing down.	orward
	Thx much Esskay	
	Posts: 740   Registered: 08 December 2009	<del>C</del> "
MikeBurke	posted 28 March 2010 04:49	Hide Post
One of Us	Going to a wedding reception so I will post a full report tomorrow.	
1	Today I was testing North Fork and TSX bullets for the 375. Range is 33 feet. The test today was 12" of wet newsprint, a Hardy Plank (approximately 5/8" thick), 3/4" piece of plywood, then more wet newsprint. I plac hardy board and plywood in the box to simulate bone.	
	For fun today I fired a 155 Grain SMK Palma load in to the box. Impact velocity was 3005 FPS. The bullet liter disintegrated when it hit the hardy board.	ally
	I was pleasantly suprised with the TSX results. Nearly 100% weight retention even through the hardy board plywood.	d and
	Posts: 2939   Registered: 26 March 2008	<del>c</del> "

416Tanzan One of Us	posted 28 March 2010 20:33	<u>Hide Post</u>					
E.A	all the pictures raise another cosmetic issue.						
-	In light of this thread and looking at the 'logo picture' of a 458 RN Lott on the 'Big Bore forum', someone migh request that a new picture with a flat-nose solid be put up.	t					
	+-+-+-+-+-+						
	"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	്					
Austringer One of Us	posted 28 March 2010 23:28	<u>Hide Post</u>					
	Hello,						
	I just discovered this excellent thread and still have a lot of reading to do, I am only on page 3.						
	I've noticed there have been several points made by "ALF," that have lead to discussions, but I am unable to his postings.	see					
	I know there is a blocking feature, but I have never used it. Not to mention I would have had no reason to bl "ALF." Does anybody know what the problem may be? Could I have something set up that would block certai members?						
	Thank You,						
	Marc	<b>C</b> 99					
	Posts: 107   Registered: 10 January 2010	c"					
capoward One of Us	a posted 29 March 2010 03:15	<u>Hide Post</u>					
	quote:						
L PROBUCER.	Originally posted by Austringer: Hello,						
	I just discovered this excellent thread and still have a lot of reading to do, I am only on page 3.						
	I've noticed there have been several points made by "ALF," that have lead to discussions, but I am unable to see his postings.						
	I know there is a blocking feature, but I have never used it. Not to mention I would have had no reason to block "ALF." Does anybody know what the problem may be? Could I have something set up that would block certain members?						
	Thank You,						
	Магс						
	Marc,						
	Welcome to the thread; it's one of the most informative that you'll find on the AR Forum.						
	Alf and dots It's not your computer and you haven't placed him on ignore. Alf has dropped in and out of this thread multiple timesand each time he drops out he deletes his full posts leaving behind nothing but dots. read further into the thread you'll notice that a few individuals immediately quote Alf to preserve his postsbr many were missed and thereafter lost to dots.	As you					
	Jim 🖓						
	"Life's hard; it's harder if you're stupid" John Wayne						
	Posts: 4954   Location: Central Texas   Registered: 15 September 2007	්					
MikeBurke One of Us	j posted 29 March 2010 07:21	<u>Hide Post</u>					
22	Every now and then I have to try something borderline stupid.						
(F	The goal was to bend a North Fork .474 500 Grain bullet.						
No.	The set-up: 12" of wet newspaper, 3 pieces of hardy board, 3/8" thick A-36 steel plate. That is as far as I need to go.						



It did not bend but it did flatten out. It was also very very hot.



Yesterday I also vaporized a 155 Grain Sierra Matchking. I shot one of my Palma loads in to the wetpack. When it hit the hardy board it disintergrated. 3005 FPS Impact velocity will do that to a match bullet.

You have to have a little fun, bullet testing is hard work.

Posts: 2939 | Registered: 26 March 2008

posted 29 March 2010 07:28



Hide Post

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Now for the real test. I am still not sure what I will shoot out of my 375 H & H this fall in Africa. It may come down to the more accurate bullet between the NF and TSX. We are very fortunate to have several premium softs available to us. This test along with another I ran with the North Forks indicate the North Forks will penetrate deeper when pushed harder. The TSX tend to penetrate less when pushed harder. More testing is needed to confirm.

This test was a little tougher on the bullets than my previous test with the softs. The hardy board seems to really stress

bullets. I thought the petals would peel off the TSX, wrong again.

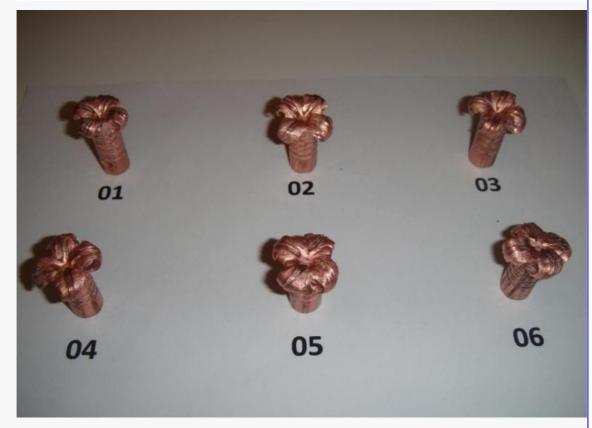
Number 11 bullet penetrated 4" deeper than number 9, 10, and 12. All four bullets were fired in the same pack, it was the third bullet fired of the four. Do not know why and probably will not test the Swift any more. The Swift and Trophy Bonded bullets were factory ammo from at least 10 years ago.

Picture						Powder	Impact	Retained	% Retained	Total	
Number	Date	Bullet	Caliber	Weight	Powder	Charge	Velocity	Weight	Weight	Pen.	Notes
01	28-Mar-10	TSX	0.375	300	IMR 4064	62	2286	299.5	99.83%	16"	
02	28-Mar-10	TSX	0.375	300	IMR 4064	62	2301	299.2	99.73%	18"	
03	28-Mar-10	TSX	0.375	300	IMR 4064	64	2332	298.7	99.57%	15"	
04	28-Mar-10	TSX	0.375	300	IMR 4064	64	2355	299.6	99.87%	15"	
05	28-Mar-10	TSX	0.375	300	IMR 4064	66	2465	299.3	99.77%	15"	
06	28-Mar-10	TSX	0.375	300	IMR 4064	66	2481	299.6	99.87%	14"	
07	28-Mar-10	North Fork	0.375	300	IMR 4064	62	2208	297.4	99.13%	15"	
08	28-Mar-10	North Fork	0.375	300	IMR 4064	66	2486	287.7	95.90%	18"	
09	20 Mar 10	Trenks Banded	0.375	200				272.0			
	28-Mar-10	Trophy Bonded	0.375	300	Factory	Factory	2414	272.9	90.97%	15"	10 Year old Federal Ammo
10	28-Mar-10	Trophy Bonded	0.375	300	Factory	Factory	2429	267.3	89.10%	15"	10 Year old Federal Ammo
11	28-Mar-10	A-Frame	0.375	300	Factory	Factory	2397	283.7	94.57%	19"	10 Year old Rem. Ammo
12	28-Mar-10	A-Frame	0.375	300	Factory	Factory	2363	283.5	94.50%	15"	10 Year old Rem. Ammo

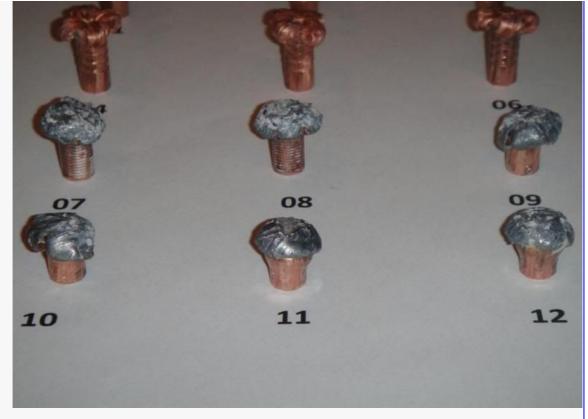
Notes: CZ 550 Left Hand

Twist rate 1-12

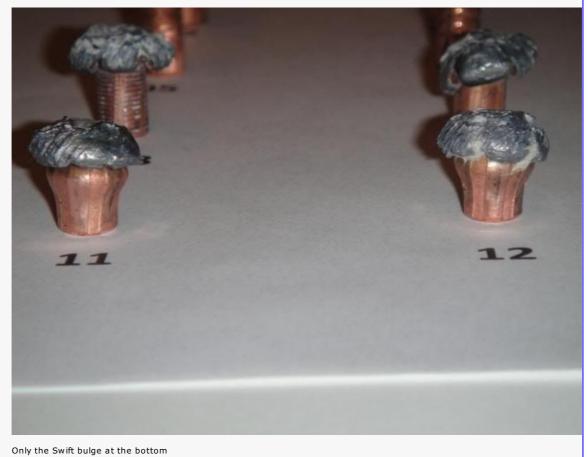
Barrel Length 24" Test Media: 12" of wet newsprint (1) Pieces of 5/8" Hardy Board (1) Pieces of %" Plywood (no space between) 36" of wet newsprint



Good looking TSX



Swift, Trophy Bonded, and North Forks



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Posts: 2939 | Registered: 26 March 2008

Austringer One of Us	posted 29 March 2010 08:16	<u>Hide Post</u>					
	Capoward,						
	Thank you for your reply, I just learned what happened to the posts. Glad to find out it's not something I did, I'm pretty new to these internet forums. I'm to page 13 now and have discovered that there are plenty of opposing views to give me a wide range of perspectives.						
	I agree, this is a great thread!						
	Marc						
	Posts: 107   Registered: 10 January 2010	്					
michael458 One of Us	i posted 29 March 2010 15:56	<u>Hide Post</u>					
	quote:						
MR.	Originally posted by Mike70560: Now for the real test. I am still not sure what I will shoot out of my 375 H & H this fall in Africa. It may come down to the more accurate bullet between the NF and TSX. We are very fortunate to have several premium softs available to us.						
	This test along with another I ran with the North Forks indicate the North Forks will penetrate deeper when pushed harder. The TSX tend to penetrate less when pushed harder. More testing is needed to confirm.						
	This test was a little tougher on the bullets than my previous test with the softs. The hardy board seems to really stress bullets. I thought the petals would peel off the TSX, wrong again.						
	Mike						
	Excellent work, I don't see any losers here at all. I would use whatever bullet (TSX or NF) that shoots best w solid you will be matching it with. Either will do the job I am sure! What you see with the TSX is the same tha have seen too, remember the differences in the two 338s338 Winchester Velocities and 338 Ultra Velocities same story, less penetration at Ultra velocity with the TSXs. So that would seem to be the trend with those. would seem that the new TSX bullets will handle lot's of stress and hold. I like them! But I also like the North Swifts, Woodleighs, NonCons, oh man, I just love good bullets regardless!	it I s It					
	Austringer						
	Welcome to our party! Glad you might be able to get something out of it. I know I am learning, not sure abou anything else. Once you get through reading (next few days or weeks) let me know what you think. I believe are on the "edge of discovery" HEH! But we will see!						
	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"						
	I do Not Own Any Part of Any Bullet Company, I am not in the Employ Of Any Bullet Company. I do not repres own stock, nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet busin and have no Bullets to sell to you, nor anyone else.						
	Posts: 8426   Location: South Carolina   Registered: 23 June 2008	ď					
<b>buffalo</b> One of Us	posted 29 March 2010 16:57	Hide Post					
	Hi Michael How is your jaw? Ready for shooting 🐨 🐨 🐨						
	Posts: 873   Location: Denmark   Registered: 04 January 2005	්					
michael458 One of Us	posted 29 March 2010 17:11	<u>Hide Post</u>					
(AN)	Hey Buff						
ALC: NO	I think it's doing well! I am going to sight a couple rifles in this morning sometime to check it out! Maybe I ge shooting done this week? First up is the 458 Hornadys.	t some					
	What were you doing on a mountain top in Norway last week?						
	м						
	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"						
	I do Not Own Any Part of Any Bullet Company, I am not in the Employ Of Any Bullet Company. I do not repres own stock, nor do I receive any proceeds, or monies from ANY BULLET COMPANY. I am not in the bullet busin and have no Bullets to sell to you, nor anyone else.						
	Posts: 8426   Location: South Carolina   Registered: 23 June 2008	്					
	Powered by Social Strata Page <u>1 49 50 51</u> <b>52</b> <u>53 54</u>						
	R	eply 😒 😒					

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	Newest Member	RedRaider4400						



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