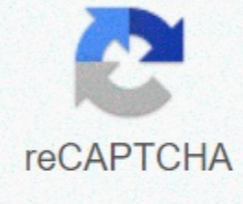




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28 nosler load data

17 Caliber.172 Average 20 Caliber.204 Average 22 Caliber.224 Average 6mm Caliber.243 Average 25 Caliber.257 Average 250 Savage 257 Rob 25 7257 Roberts Ack Imp 25 WSSM 25-06 Rem 257 Wby Mag 6.5 mm Caliber.264 Diameter 6.8 mm Caliber.277 Diameter 270 Caliber.277 Diameter 27 Nosler 270 Win 270 WSM 270 Wby Mag 7mm Caliber.284 Diameter 30 Caliber.308 Diameter 30 Caliber.310 Diameter 8mm Caliber.3 23 Diameter 8mm (8x57) 8mm-06 325 WSM 8mm Rem Mag 338 Caliber.338 Diameter 35 Caliber.358 Average 358 Win 350 Rem Mag 35 Whelen 358 Norma Mag 358 STA 9.3 mm Caliber.366 Diameter 9.3 x 74 R 9.3 x 62 9.5 3x6 4mm Brenneke 375 Caliber.375 Average 375 H&M;H Magnum 375 Ruger 378 Wby Mag 375 Rem Ultra Mag 416 Caliber.416 Average 416 Ruger 416 Rem Mag 416 Rigby 416 Wby Mag 44 Caliber.429 Average 458 Caliber.458 Average 458 SOCOM 458 Win Mag 458 Lott 45-70 Govt (SAO) I've been researching a new remote hunting rifle for several years. I opted for 28 Nosler as a cartridge and with christensen ridgeline weapons for the rifle. I ended up putting on a Vortex PST GEN II 5-25x50 range as I already had one on my Ruger Precision Rifle Rimfire Rifle and liked the range. It is also less bulky than the Vortex Razor on my 6.5 Creedmoore RPR. I replaced the muzzle break with area 419 sidewinder brakes and use the Atlas Bipod. 26 barrel with a 1:9 twist is for a long gun, but the ability to reach out is what I was looking for. As an avid reloader I've been working up load development at 28 Nosler and have a good time doing it. I use Atlas Development Group Brass as I had no luck with Nosler brass on other rifles. It was too soft and had more deviations than I wanted. Price wise, atlas brass is cheaper and more consistent. I decided to use Hodgdon H-1000 powder pushing Berger 175 GR Bullet with federal 215 primers. Then I started loading to begin with and ran up to the powder in 0.3 GR increments. This way I could see the speed of nodes (flat spots) for different hub weights. Overall, I always look for the best Extreme Spread (ES) as well as standard deviation (SD) for load. It usually binds to the speed knot as well. As soon as I figure out which load is most consistent, I start setting the bullet off the ground in 0.005 steps to see where the best accuracy is at. It takes longer to do this, but in the end I get really good results. This is a picture of my Magnetospeed with consistent load and a large SD. The average speed for this one is 2973 FPS, which is pretty fast on a 28 caliber bullet. I had two more loads that gave me 3.6 SD with about 50 and 75 FPS improvements. The 75 FPS faster round was definitely a more brutal shoot and was at the top end of the max charge for the rifle. He's just finished another hunting job. Savage 110 action, shilen pick match 1:8 in nose, cdi bottom metal and 3.75 aicp mag, choate tactical stock, 20 moa base, Leupold vx3i LRP. Thinking I'll use retumbo rather than RL 33 for temperature stability. Coal .015 off is 3.62 with 195 eol bullets. What kind of startup/max load are you guys using retumbo? I have bergers data, but with my longer coal I'm just wondering how much of you load long go beyond 78.2 and what kind of speed do you see? Obviously the components are deficient, I have 100 brass and 200 195 is getting this thing dialed up before the MT season opener. 5 shot group today with an initial load of 75 grs was 0.75 @200. Really excited about that. Ladder test tomorrow 75-79 in 0.2 dr steps and pay attention to the pressure. We will advise you how not to load on and finish your money? I have the same problem trying to load the developer quickly. I'm on my second 28 Nosler rifles and third barrel overall. I did this: H1000 max load 78.5 for me, so I drove 77.3 77.6 77.9 78.2 x4 rounds each on 0.020 from the ground which is 161 I have chrono 1 of each to get an idea of speed and fps then shoot 3 round groups of each powder. I choose the narrowest group and just today (new barrel) loaded 0.03 0.06 0.09 and 0.12 from the country in the best powder group. In total, you have tried 4 charges and 5 different jump distances. Of course, if 0.020 shoots skip the last step! I went from 0.8-0.6 MOA to shooting 0.2550 MOA JUMPING 0.12 now! I load the rest at 0.12 chrono 3 for speed and then get a kestrel calibrated to 500 then out to grand. The whole deal may take less than 50 shots, but unfortunately 3 trips to the range/outside Yes for those skeptics I know its not 50 shots, but shooting magnum keeps me from doing it. I found it very effective. Without excessive heating of the barrel, delusion etc. I greatly track my data reloading and plot them in Excel to find trends very quickly for precision and ES/SD nodes. I used to burn so many rounds trying to get the load development done, but found this is the most effective method for me, it's a mixture of OCW, Berger jump test, and some Scott's vole claimed 10shot load development (which didn't work for me) problem is, you have to break down your data after you see trends that would otherwise you overlook or toss aside as a coincidence Awesymoto, how many rounds per barrel are you getting before you have to re-barrel? Thanks Just finished another hunting build. Savage 110 action, shilen pick match 1:8 in 28 nose, CDI bottom metal and 3.75 aicp mag, choate tactical stock, 20 moa base, Leupold vx3i LRP. Thinking I'll use retumbo rather than RL 33 for temperature stability. Coal .015 off is 3.62 with 195 eol bullets. What kind of startup/max load are you guys using retumbo? I have bergers data, but with my longer coal I'm just wondering how much you load long go above and beyond and what speed do you see? Obviously the components are deficient, I have 100 brass and 200 195 is getting this thing dialed up before the MT season opener. 5 shot group today with an initial load of 75 grs was 0.75 @200. Really excited about that. Ladder test tomorrow 75-79 in 0.2 dr steps and pay attention to the pressure. We will advise you how not to load on and finish your money? View Attachment 107678 Try to stay at least grain or two according to the recommended max and work down the dill to find your most accurate load. From there tweak the depth of the session to tighten things up. This will save you a lot of time, money and frustration and greatly extend the life of your components. If you try to print max it will cost. Keep your shot strings limited to no more than 3 shots in four minutes and let it cool completely between the strings and you'll add even more life to your neck and give birth. I've babied 3 7mm STW's within spitting distance of 2000 laps or beyond and still have a very good life in my throat remaining. Awesymoto, how many rounds per barrel are you getting before you have to re-barrel? Thanks I sold the first before burnout it, but only 190~ on it. On my current rifle I had 450 rounds down the 24 Bartlein HV profile and shot it like a PRS rifle sometimes firing 10 shot groups. I ran this hot load of wise and hard shooting wise shooting fast and sometimes suppressed. It began giving speed up to 430 laps and accuracy shortly after it called it the 450. I gave myself my proof barrel, which I will be a child. I hope 800 for proof. Something I've noticed is that I started chasing plots a couple of those every 50 rounds on bartlein so that's a good indication of shooting too fast, that's the second 28 Nosler owner I've seen say that their barrel lasted 450-600 rounds... Ok, so when 28 Nosler's went hard and put away wet, barrel life is greatly reduced. (as with any barrel ... Yes, I know I'm wearing the captain's obvious hat right now...) But for a guy like me (who is considering building a 28 Nosler) who won't shoot in competition, and let the barrel cool down between shooting barrel life is greatly increased... Thanks for the info! That is the other 28 Nosler owner I saw say that their barrel lasted 450-600 rounds... Ok, so when 28 Nosler's went hard and put away wet, barrel life is greatly reduced. (as with any barrel ... Yes, I know I'm wearing the captain's obvious hat right now...) But for a guy like me (who is considering building a 28 Nosler) who won't shoot in competition, and let the barrel cool down between shooting barrel life is greatly increased... Thanks for the info! To give you an idea of my first barrel I ran 78.7 grams of H1000 Getting 3,100 feet./s to a 24 inch barrel with 175ELDX now I'm still roughly the same with ELD ems from a 26 inch barrel with only 77.6 grains last edited: October 13th, 2018 I do not know if anyone is interested, but I have an MRC X3 in 28 Nosler and I found 4 really accurate and fast loads to share for this rifle in case any of you have one: 1. 180 Berger Hunting VLD 85 g RL 33, 3,338 COAL, .886 three shot group, 3148 fps average. 2. 168 Berger Hunting VLD 86 g Retumbo, 3,408 COAL, .671 three shot average, 3,392 fps average. 3. 162 Hornady SST 85 g N 217, 3,307 COAL, .214 three-wheel diameter, 3349 on average. 4. 150 Nosler/ Win BT / CT 90 g RL 33, 3,330 COAL, .217 three shot average, 3,250 fps average. (94g RL 33 takes you up to just over 3,500, but opens up to 1,348, which is a little too fast for practicality. I think you could shorten it to 3,285 and tighten this group. I just wasn't willing to sacrifice my barrel for it. I do not know if anyone is interested, but I have an MRC X3 in 28 Nosler and I found 4 really accurate and fast loads to share for this rifle if any of you have one: 1. 180 Berger Hunting VLD 85 g RL 33, 3,338 COAL, .0.886 three shot group, 3148 fps average. 2. 168 Berger Hunting VLD 86 g Retumbo, 3,408 COAL, .671 three shot average, 3,392 fps average. 3. 162 Hornady SST 85 g N 217, 3,307 COAL, .214 three-wheel diameter, 3349 on average. 4. 150 Nosler/ Win BT / CT 90 g RL 33, 3,330 COAL, .217 three shot average, 3,250 fps average. (94g RL 33 takes you up to just over 3,500, but opens up to 1,348, which is a little too fast for practicality. I think you could shorten it to 3,285 and tighten this group. I just wasn't willing to sacrifice my barrel for it. How do you like the X3? This is the second 28 Nosler owner I've seen say that their barrel lasted 450-600 rounds... Ok, so when 28 Nosler's went hard and put away wet, barrel life is greatly reduced. (as with any barrel ... Yes, I know I'm wearing the captain's obvious hat right now...) But for a guy like me (who is considering building a 28 Nosler) who won't shoot in competition, and let the barrel cool down between shooting barrel life is greatly increased... Thanks for the info! Consider nitride to expand it by up to 50-75%. Since the first shooting down of the tube, barrel life is There's no going back. You can shoot to enjoy the pleasure of the activity, or you can see through and then leave it in the vault until next year. I enjoy the process of developing loads and shootings in general, so I could wear out a barrel a little faster than most people. When it's time, I re-barrel and move on, enjoying the process over and over again. Higher speeds from larger cartridges cost more money on components and barrels, there is no way out of it. Saving mainly life can be unbearable PIA. But choose a moderate heat to create powder and practice the time lag between shots. Another advice I can offer is to switch cartridges. If you want a long life barrel and still be able to enjoy shooting rifles, switch to .308 Win. because it is possible to get several thousand images using this cartridge. If you really need to have a hot rod, run it like a hot rod and enjoy it! The problem is you have to break down your data after you see trends that otherwise you would overlook or toss aside as a coincidence The unfortunate part of this is that too many shooters just want to shoot and keeping records is basically annoying for them. Some will keep shot counts on every barrel, most will not. Data analysis and rendering is reserved for those few of us who perceive the world differently. We're researching the spend and we want it to make sense. Others want to shoot and hunt. There is no right or wrong, just a different view. Yours. I forgot to add that Nosler has data for this cartridge using the H-1000 as their load accuracy. The H-1000 is a cool burning powder suitable for adding a little control over the life of the barrel. You may also consider how standard 217 and SN-170 are listed. Be aware that when using cooler burning pills, you will see a drop in speed. Last Modified: October 18, 2018 How do you like the X3? I really like it. The only complaint I have is that I wish he had a longer magazine box. It's very accurate and handles perfect. This is the second 28 Nosler owner I've seen say that their barrel lasted 450-600 rounds... Ok, so when 28 Nosler's went hard and put away wet, barrel life is greatly reduced. (as with any barrel ... Yes, I know I'm wearing the captain's obvious hat right now...) But for a guy like me (who is considering building a 28 Nosler) who won't shoot in competition, and let the barrel cool down between shooting barrel life is greatly increased... Thanks for the info! I agree --IF and yes, I mean IF, you do not have to shoot 10 shot groups of 28 Nosler, as well as 300RUM will take longer than you live.. in my experience.. I built a 28N with defiance action, proof barrel combo.. shooting is great.. they've used it on elk and deer so far.. They use hs precision in 300RUM since 2001.. big rifle.. they took her to Africa for 6 hunts for plains games.. 200 Gr A-frames.. and have in dozens of N American games.. mostly elk.. had a barrel scoped last year.. being told the barrel is perfectly fine.. I'm not going to shoot a ton. but between hunting and practice.. Guess 40 to 60 rounds min per year... so say only 50 x is 18 years old ... 900 rounds.. and the barrel is fine.. being told once after the third shot, each consecutive shot does as much damage as the first 3 combined.. not sure if this is true.. but guess it might be close.. heat matters.. Page 2 here's what I found with my 28N. Re33 fouled very badly, and carbon fouled like no other powder I've ever tried in any cartridge. I couldn't get the H1000, I only got a little Retumbo, and it's reserved for my RUM. Everyone says the N570 is a bomb, but also unavailable. I tried the new 8133. I found it to be a great powder for 28N, but I'm shooting deer and have only played with 162 and 175's. I bet it will do a good job with heavier bullets as well. What I like about it is that it is very clean, and the carbon seems just like any other magnum. Performed very well with good speed, low ES, seems very accurate. That I can live with, especially since I shoot HBN coated bullets. Where should I start with 195 EOL? I built my 1:9 twist for lr deer hunting. Cant help with 195. 175 quite heavy for my needs. I have 168 VLDs loaded for deer this season. But I'm (hopefully) coming back to WY riding the Elk hunt I'd like to start getting ready. I have a Retumbo for my 168th. I want something temp stable. I use 4451 on my 6mm Creed. It seems very consistent. Does anyone have any experience with 8133 for 195 in 28N? 28N?