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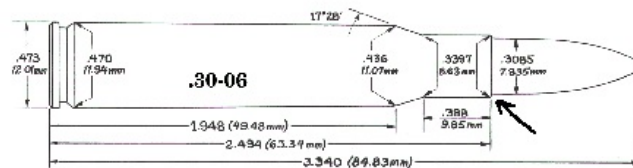
## Addressing The “DREADED CARBON RING” and CARBON in GENERAL

One of the most frequently asked questions is about carbon fouling. This subject is the most mis-understood subject in the shooting sports.

Firstly, we need establish that **NOTHING HAPPENS IN YOUR BARREL UNLESS YOU CAUSE IT**, and then to discuss what carbon is and where it comes from. If you put oils, solvents, or hydro-carbons in your barrel as a corrosive inhibitor, this is where the carbon production is generated. **All oils, solvents and petro-chemicals in general product carbon when they burn.** This carbon produced in your barrel happens when you fire a shot with petro-chemicals or oil still resident in your barrel. Even though you may have patched them out, there is still hydro-carbon residue left in the pores of the metal. When a hydro-carbon, or oil burns it produces **CARBON** as a by product. The first time you shoot over resident oil or a hydro-carbon, the carbon produced is soft like gum. When you shoot over that carbon repeatedly, the carbon becomes hard and crystalline. That carbon is harder to remove than copper fouling.

If you have experienced a **carbon ring**, here is the answer. If carbon was coming solely out of powder, it would be distributed evenly down the barrel. Not in a ring in front of the chamber.

Why is the carbon ring in front of the chamber? The answer is that, if you look at a side view of the chamber, you will notice that where the case mouth ends, there is a natural stair step. That area will have more oil and hydro-carbons present than anywhere else in your barrel. The first time you shoot over those resident oils and hydro-carbons.....you create a carbon ring. Subsequent firing only cooks the carbons in more profoundly.



You have to remember that **nothing happens in your barrel unless you cause it to happen.** *Don't put anything in your barrel unless it produces more, and better accuracy.*

When you quit putting oils, solvents and any hydro-carbons in your barrel.....the carbon ring will not be a problem in the future.

Our products were designed to dissolve copper fouling, powder fouling and carbon fouling .....without brushing.

Call or e-mail any questions.

Terry Paul

785-883-4444

tp@sharpshootr.com