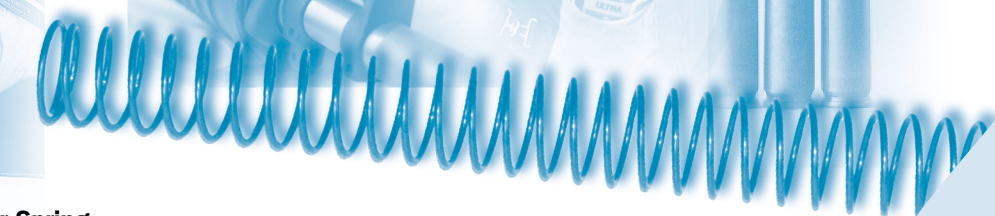


# David Tubb's SpeedLock CSsprings™

Developed by 8-time National  
High-Power Champion, David Tubb

## AR15 chrome silicon buffer spring



- AR15 Buffer Spring
  - AR15 Buffer Spring + CWS [PATENT PENDING]
- Compatible with all AR15-type firearms

✓ **Delayed bolt unlocking  
[lower pressures]**  
*Increased handload velocities are possible, brass life improves.*

✓ **Smoother recoil cycle  
[less rifle movement]**  
*Flawless performance with less pulse and overrun.*

✓ **Enhanced function  
[longer parts life]**  
*Perfectly engineered correctness. Unaffected by rapid fire heat.*

✓ **Guaranteed quality and correctness [9002 Quality Control Standards]**  
*Precision materials and construction meet exacting design specifications.*

✓ **Duty rated for 500,000 cycles [lasts 100 times longer than standard]**  
*Consistently correct function for the life of the rifle. Rifle performance never changes.*

### Your rifle runs on springs.

**T**his SpeedLock CS spring is made from the highest quality Chrome Silicon alloy. Ours are the only firearms springs constructed from this superior material and held to rigid 9002 Quality Control Standards. Along with the use of certified materials, this combination yields the highest quality, most consistent, and best performing springs available.

SpeedLock CS springs are heat treated, stress relieved, and shot peened after winding to enhance grain structure, remove stresses, and maximize durability and stability. This guarantees extremely low tolerances in meeting our specification criteria. A standard spring cannot be treated to these processes. To the shooter it means consistency and correctness in function, and a better performing rifle.

When a normal spring (whether it's called "premium" or "extra power" or not) is first installed is the last time it's doing its job as designed. Standard music wire springs are notorious for changing characteristics. This is most noted in the earliest life (100-200 cycles) of the spring, but it continues to change. We have all heard that a spring will take a "set" (contract to a shorter length) and then stay there for the remainder of its life. Not true! All springs continue to degrade and shorten with each cycle. The question is when and how much? A standard buffer spring loses almost 25 percent of its power in 5000 cycles. Our CS Spring loses only 7 percent in 500,000. Our CS Springs use the same material used in the manufacture of valve springs for Indy race car engines. Those springs can easily endure approximately one half million compression cycles at high temperature in one afternoon — a much harsher environment than experienced in any firearm!

## SpeedLock CS Springs Features

### SpeedLock CS AR15 Buffer Spring

This is the only AR15 spring engineered specifically to handle the increased demands of High Power Rifle competition, or other high performance applications.

### Enhanced rifle performance

This spring ensures reliable, correct function over the life of your AR15-type rifle. Due to the superior nature of its material, SpeedLock CS springs have the same power as a conventionally constructed “extra power” spring, yet provide that extra energy using a lighter spring weight! Correct timing and resistance on the recoil stroke and a controlled rebound ensures reliable feeding with consistent forward thrust. The result is that the rifle functions

flawlessly and stays on target better. You can feel, and see, the difference! With our CS Spring, the bolt will remain locked a little longer, allowing pressures more time to subside. This means getting those heavy bullets to needed velocities can be more safely and reliably accomplished.

### Unaffected by temperature

Music wire or carbon steel springs are adversely affected by temperatures as low as only 175° F. SpeedLock CS springs perform flawlessly in excess of 700°. The result is perfect consistency and reliable performance under any extreme. This can be a big factor in an AR15-type rifle — it gets hot! Performance will not change in rapid fire conditions, and neither will function or accuracy.

### Extended life at optimum performance

A conventional buffer spring is constructed of music wire. It will last approximately 5000 rounds before its performance has degraded to the point that rifle function will change. Well, this is the last spring you will ever need for your AR15! SpeedLock CS springs are duty rated for 500,000 compression cycles at maximum performance. A standard spring loses as much as 25 percent of its capacity in less than one year — whether the rifle is used or not!

### Perfect consistency

Rigid 9002 Quality Control Standards, certified materials use, and our exclusive post-winding processing guarantees true, consistent performance. Although this is the last spring you’ll ever need to buy, it may not be the only one you ever purchase! Conventional AR15 buffer springs are

notorious for exhibiting wide variances. Unless you’re using a SpeedLock CS spring, not only are you replacing springs continually, but rifle performance may be continually changing with each replacement.

### CWS™

Superior Shooting Systems Inc. has another product that’s sure to be of interest to all competitive AR15 shooters: the CWS (“Carrier Weight System,” patent pending). In conjunction with this CS Spring, installing CWS in your AR15 type rifle will deliver an unparalleled performance increase for a minimum of cost and effort. CWS is in use by many of the nation’s top AR15 shooters, gunsmiths, and authorities. The exclusive design by David Tubb is a simple drop-in installation in any AR15 bolt carrier. CWS slows unlocking and greatly reduces rearward bolt veloc-

ity. The result is much better brass life, fewer “pressure problems,” and greater flexibility in velocities attainable using all bullets, but especially the heavier VLDs used in competition. There is also much less rifle movement during firing and longer parts life from a softer recoil pulse. And it’s adjustable! Additional weight elements are included with the system. CWS improves rifle function, so there are no worries about extraction or feeding failures.

### Other products

New products and publications are always in the works! Please visit us on-line at [www.davidtubb.com](http://www.davidtubb.com) or [www.zediker.com](http://www.zediker.com) for product purchase and warranty information, and all the latest information and updates on this product. Other products developed by David Tubb include his revolutionary TUBB 2000 competition rifle,

FinalFinish™ barrel treatment system, SpeedLock™ alloy composite firing pin systems for all bolt action centerfire rifles (also some shotguns and a special hammer for 10-22™ rifles), Veloci-Cote® bullet coating (“clearly” superior to moly), and the ergonomic SlipGrip™ pistol grip extension for AR15-type rifles.

SpeedLock CS Springs are also available for most popular bolt action centerfire rifles. Our firing pin replacement springs are engineered to reduce lock time and decrease trigger pull and bolt lift effort. They offer enhanced performance and life at the same “weight” as a factory spring.

Call or write for more information or see us on the web at [www.davidtubb.com](http://www.davidtubb.com) or [www.zediker.com](http://www.zediker.com).