

Thank you for purchasing David Tubb's FinalFinish TMS [throat maintenance system]. TMS is designed for competition and high performance shooting needs. By following these simple instructions, you will experience extended accurate barrel life. TMS will smooth and maintain the throat in your firearm, thereby significantly offsetting the effects of throat erosion: the number-one culprit in barrel wear. Regular use of TMS will enhance the performance of your barrel and preserve the investment you've made in it.

TMS COMPONENTS & FUNCTION

There are 75 bullets in your FinalFinish TMS package. These bullets are precoated with a specially selected polishing compound.

Barrel "wear" is really throat erosion. The throat in a rifle barrel is an area approximately four inches long ahead of the chamber. This short stretch of barrel receives the full force of the firing process. Extreme temperatures, blazing gases, and radical expansion eat into barrel steel causing stress cracks, pitting, and roughness. Throat "erosion" is a descriptive term since under high magnification barrel steel starts looking like a washed out gravel road after only a couple hundred rounds! If left untreated the eroded throat will grab and tear at the bullet. When the relatively soft bullet jacket is damaged in this way, bullet integrity is compromised and poor accuracy results.

FinalFinish TMS bullets are specially engineered to smooth and polish this eroded area, helping restore and maintain smoothness.

Additionally, TMS significantly improves the land's signature mark on the bullet (when seating into the rifling) and hence eases the bullet's transition into the bore. Since the lands (in most barrels) scratch or mark the bullet on initial contact with the rifling, the bullet jacket is damaged. With only a few TMS rounds the lands will no longer leave scratched rifling marks on the bullet's jacket; rather the impression is now a soft touch or pushed impression. When this occurs, better accuracy results!

INITIAL RECOMMENDATION

Whether you are starting out with a new barrel or one that's been fired a number of rounds, we strongly recommend first using the original FinalFinish System as directed prior to treatments with TMS. Please call 1-806-323-9488 to purchase a FinalFinish kit. The original FinalFinish System will smooth, uniform, and polish the entire length of the barrel. It also removes the annular tool marks in the rifle's throat which are present in all rifle chambers as a result of cutting the chamber. This TMS kit doesn't have the necessary "strength" to polish and prepare a barrel for optimum performance; it is designed only to augment and maintain throat smoothness.

TMS IN ACTION, START TO FINISH

1 CHOOSE A LOAD

Do not fire a full power load using these bullets! It must be reduced. We recommend using the lightest load with the fastest burning powder listed in your loading manual. If you wish, just reduce your "pet" load by 10-percent (if that load uses the same weight bullet as is in this kit). If you're in doubt, call 1-806-323-9488 and someone will assist you in determining a suitable load. Seat the bullets to the same overall cartridge length as you normally would.

2 CHOOSE AN APPROPRIATE MAINTENANCE SCHEDULE

TMS is a *maintenance* system. As such, the more frequently it is used the more effectively it will maintain the throat in your rifle in optimum condition.

A little TMS at short intervals helps much more than a lot of TMS at longer intervals. This is extremely important – TMS is not intended or engineered to repair a damaged throat! The original FinalFinish System is indicated for cases in which it is necessary to smooth and polish a damaged throat or to condition a new barrel prior to regular maintenance with TMS.

We recommend using your TMS bullets prior to each barrel cleaning. Keep some rounds loaded with TMS bullets in your shooting kit. When you're through shooting and the barrel is scheduled for cleaning, just fire a selected number of TMS rounds before you leave the range and then proceed with your normal cleaning routine.

Following is an approximate TMS maintenance schedule for various popular calibers –

.223 Rem. (barrel life approx. 5000 rounds)

Fire 1 or 2 TMS bullets for every 100 rounds
.22-250 Win. (barrel life approx. 2000 rounds)

Fire 2 or 3 TMS bullets for every 100 rounds
.308 Win. (barrel life approx. 4000 rounds)

Fire 1 or 2 TMS bullets for every 100 rounds

.300 Win. Mag. (barrel life approx. 1500 rounds)
Fire 3 to 4 TMS bullets for every 100 rounds

OTHER PRODUCTS

Other FinalFinish products include specially coated bullets for centerfire rifles and handguns designed to uniform, smooth, and polish firearm bores. Available in all popular calibers, including .22 rimfire.

Please visit us online at zediker.com for product information and purchase, and all the latest information and updates on FinalFinish.

While you're there, check out other products by David Tubb, including his championship proven *SpeedLock*™ firearms ignition enhancement line for bolt action rifles and the Ruger® 10-22™; and the ergonomic *SlipGrip*™ pistol grip extension for AR15-type rifles.

SEE WWW.ZEDIKER.COM FOR MORE!

If you have any questions please don't hesitate to call 1-806-323-9488 for assistance.



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3 USE IT! THE MORE IT'S USED THE BETTER IT WORKS

Using the TMS bullets as prescribed should extend the life of a barrel by at least one third. For instance, the .308 barrel that normally gives 4000 accurate rounds should now easily provide 5500 accurate rounds. The .22-250 that was shot out before at 2000 rounds should be on the money for at least 3000 rounds. And depending on the wear patterns in the throat of the rifle, TMS could extend the accurate life of some barrels even more!

Keep in mind that the examples given are only a guideline because the actual accurate life span of any barrel depends greatly on the care it is given, the number of full power loads fired through it, and the barrel construction itself. The bullet weight and amount of powder burned are both proportional to the amount of throat erosion demonstrated.

However, there is no harm or danger in using TMS at double the frequency rates suggested. TMS only smooths the roughness from the surface of the metal that was damaged during firing. It does not remove metal such as would dimensionally change the lands or grooves. It has essentially the same effect as a razor hone. It will not hurt your barrel!

Our tests have shown that TMS is most effective when used no less frequently than the intervals recommended in these instructions.

DISCLAIMER AND LIMITED WARRANTY

Moly Coatings Inc. respectfully advises users that due to the many variables involved such as, but not limited to: the condition of the firearm and barrel; propellant type and quantity; primer type; bullet or projectile velocity; and the procedures used by individuals; and the lack of direct control by the suppliers; there is no express or written guarantee or warranty of anything except that the contents of this package are conditionally warranted to be complete and free of material defects. Please use caution at all times!

BULLET WEIGHTS

Rifle Calibers

.224/5.56mm, 80 grain
.243/6mm, 107 grain
.264/6.5mm, 142 grain
.284/7mm, 168 grain
.308/7.62mm, 190 grain



- greatly reduces the effects of throat erosion
- extends accurate barrel life by at least one third
- significantly eases bullet entry into the rifling
- improves accuracy for the life of the barrel

"It's a better barrel in a box!"

Available in rifle calibers .224 (5.56mm), .243 (6mm), .264 (6.5mm), .284 (7mm), and .308 (7.62mm)

[SEE BOX UNDERSIDE FOR MORE DETAILS]