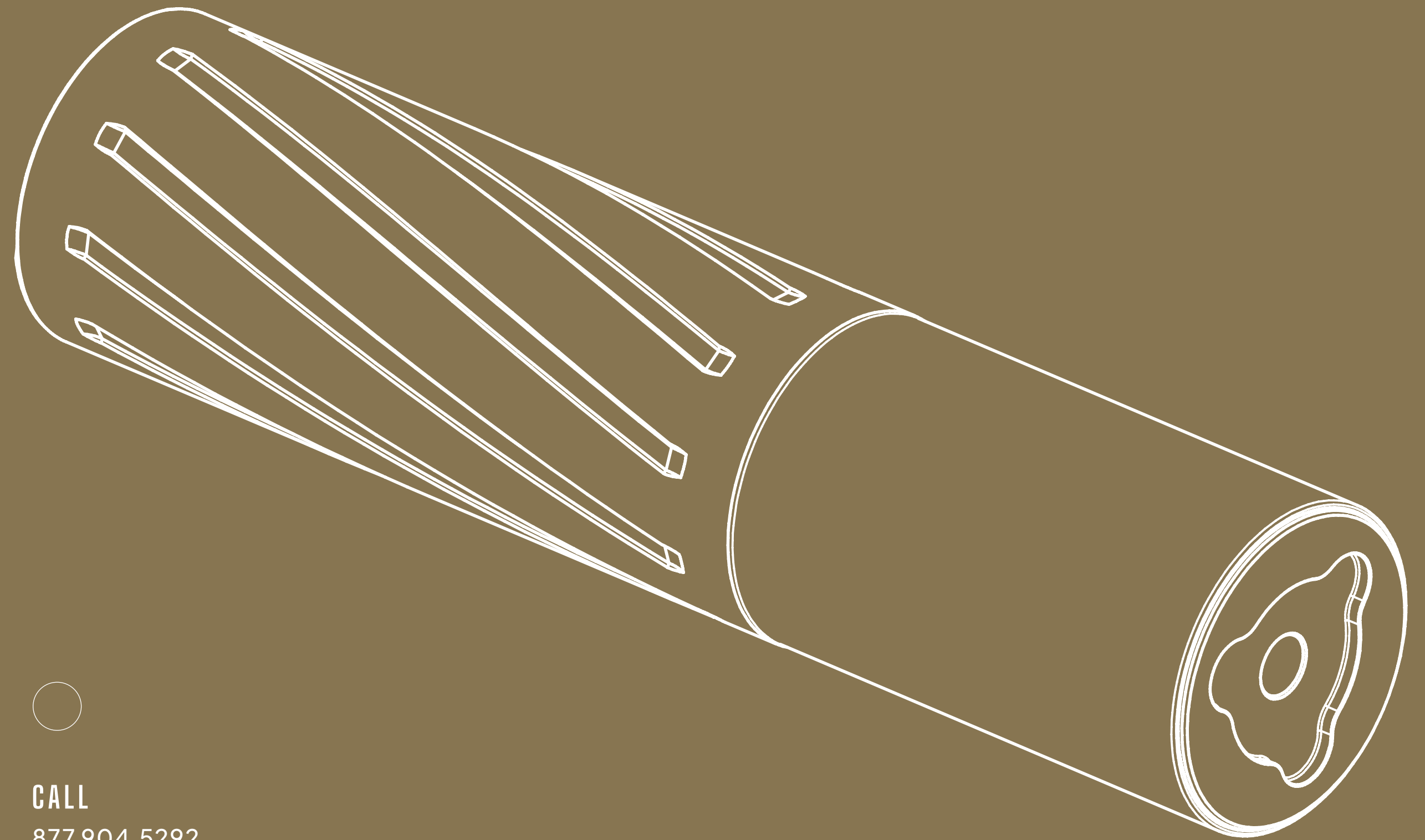




BANISH VRMT 223 Ti

PRODUCT MANUAL



VISIT
WWW.BANISHSUPPRESSORS.COM



EMAIL
INFO@BANISHSUPPRESSORS.COM



CALL
877.904.5292

WARNING

To provide for your safety and the effective use of this suppressor, it is important that the owner and any user of the suppressor read this entire manual and strictly follow the warnings and instructions within. This suppressor should be used only by those who are well-versed in the safe operation of firearms.

Failure to follow installation and maintenance instructions in this manual may result in serious personal injury and damage to the firearm.

Suppressed firearms make less noise than unsuppressed firearms and it is easy to forget that they are still capable of causing bodily injury and property damage. Remember, a suppressed firearm should be treated with the same safety and caution as an unsuppressed firearm. Before installing the suppressor, be sure that the firearm is unloaded and the action is opened and visibly clear of any ammunition. If you are at all unsure as to the proper procedures to ensure that your firearm is unloaded, please consult your firearm user's manual/instructions and/or contact a properly licensed dealer or the manufacturer of your firearm.

Firearm suppressors are user-attached firearm muzzle devices, and as such are subject to improper attachment

issues unless the procedures outlined in this manual are followed precisely.

Check the fit between your barrel and suppressor before firing! The thread mount must be fully seated on the barrel. For direct thread suppressors, there should be no visible gap between the barrel shoulder and the face of the suppressor mount. If a crush washer is used with an existing muzzle brake, it must be removed prior to suppressor mounting.

For quick detach suppressors, the muzzle brake must be seated to the shoulder of the firearm and timed properly using the shim kits provided.

If there is any gap DO NOT fire the host with the suppressor attached. Poor accuracy and product damage may result if the suppressor is not seated against thread shoulder.

Suppressors must be free of obstructions such as mud, dirt, etc. DO NOT attempt to shoot through an obstructed suppressor.

The suppressor is designed to suppress the initial muzzle blast and subsequent projectile de-corking pressure. The

suppressor doesn't contact or otherwise interact with the bullet, allowing the projectile to travel at its default speed. A sonic crack may be produced by the projectile as it breaks the sound barrier. This is solely a function of the projectile breaking the sound barrier and is not related to product performance.

To ensure your suppressor remains secure while firing, it is of the utmost importance that you frequently verify the suppressor is securely tightened onto the barrel. We recommend checking the security of the attachment after 5 discharges of the firearm and every 30 discharges thereafter.

Before removing the suppressor from the host firearm, be sure that the firearm is unloaded, and the action is opened so that it is visibly clear of any ammunition. When removing the suppressor, use extreme caution as it may be hot to the touch after firing. Use a suppressor cover (sold separately) or gloves to avoid burns or other injuries.

Once the suppressor is removed from the host firearm, BANISH recommends using a thread protector or other muzzle device to protect the muzzle threads and crown during storage or transport.

SPECS

Part of the Varmint (VRMT) family of BANISH suppressors, the 223 Ti is the perfect coyote and pest-control suppressor, and a must-have range day companion.

Ideal for bolt-action rifles, the 223 Ti is compatible with all .224-caliber cartridges and smaller, including rimfire, from .17 HMR up to .22 Creedmoor.

The versatile BANISH VRMT 223 Ti uses the industry-standard HUB mount system. The suppressor comes with a 1/2x28 direct-thread mount and can be easily adapted for many popular attachment systems.

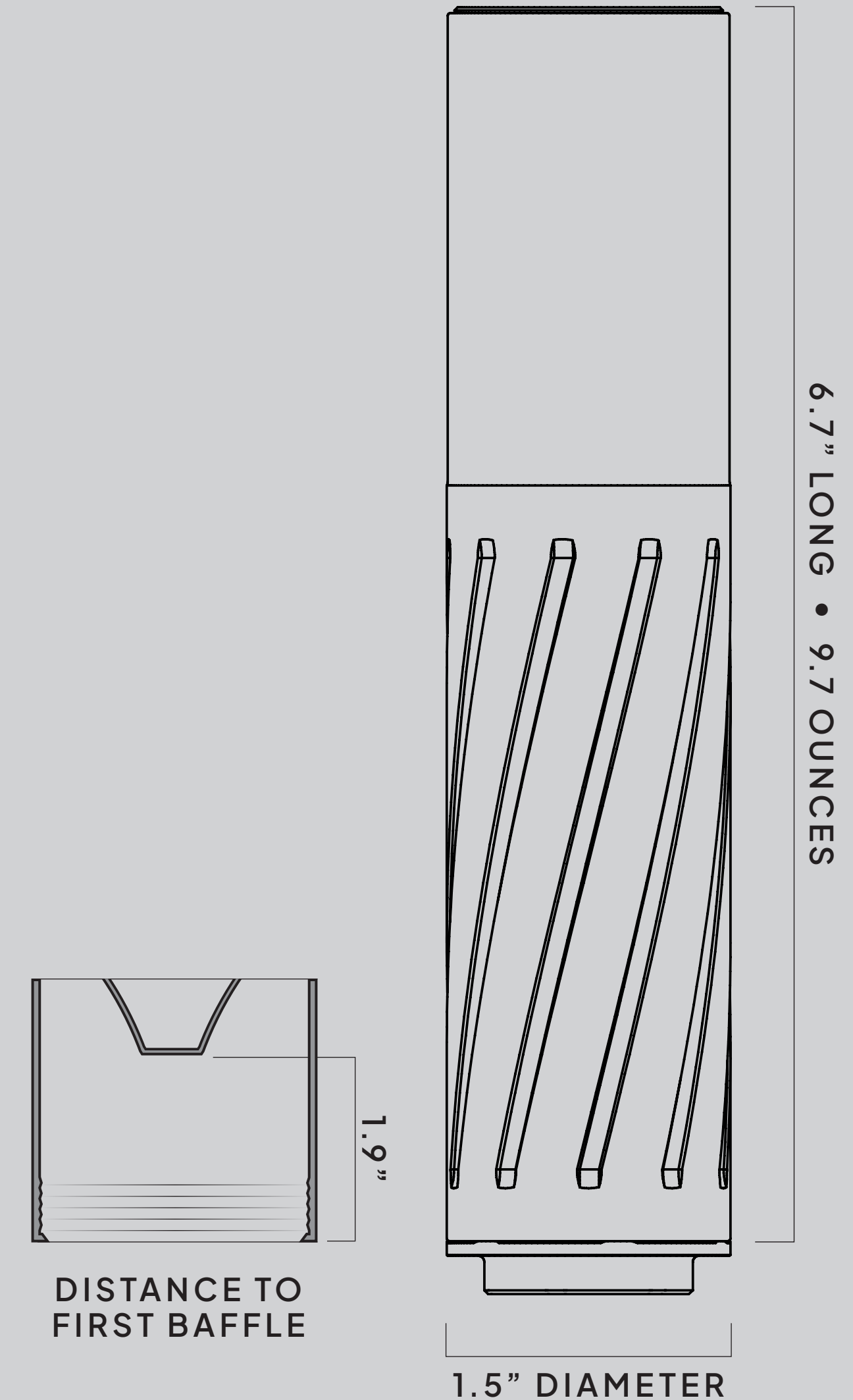
The 9.7-ounce suppressor is made of lightweight titanium, and measures just 6.7 inches long with a 1.5-inch diameter. It is also rated for limited full-auto fire.

Sound reduction averages more than 35 decibels in testing. Shooting a 20-inch bolt-action rifle in .223 Rem., the 223 Ti brought the recorded report down to just 125.7 dB.

Like all suppressors in the BANISH® lineup, the 223 Ti is easily disassembled for cleaning and maintenance. The eight baffles are designed to easily stack and index in any order, making reassembly fast and simple.

- Compatible with calibers .224 and smaller, including rimfire
- Ideal for bolt action rifles
- 100% titanium construction
- Removable baffle stack for easy maintenance
- Limited full-auto rated
- Industry standard HUB mount
- 1/2x28 direct thread mount included
- 8 baffles
- 35 dB sound reduction
- Black and FDE Cerakote options
- Lifetime warranty protects against all manufacturing defects and damages caused by normal use

CARTRIDGE RANGE .17 HMR ———> .22 Creedmoor



MOUNTING THE SUPPRESSOR (DIRECT THREAD)

ENSURE FIREARM IS SAFE AND UNLOADED BEFORE PROCEEDING TO INSTALLATION STEPS

Always ensure the firearm is unloaded when attaching or removing suppressor. After confirming that your firearm is unloaded, place the threaded end of the BANISH VRMT 223 Ti in line with the threads of the barrel.

Ensure the threads on the barrel and suppressor are clean and undamaged. Screw the suppressor onto the barrel threads until the suppressor firmly seats against shoulder.

Take special care to avoid cross-threading as damage to the suppressor and barrel threads will result, as well as misalignment of the suppressor with the bore of the firearm.

This may result in a potential baffle strike that could cause serious personal injury and damage to both the firearm and suppressor. Since direct thread mounted suppressors can loosen or unscrew during firing, it is extremely important

that the operator frequently checks that the suppressor remains securely threaded to the barrel.

Please note, the suppressor will be very hot during and after firing. Wait until the suppressor cools or use a suppressor cover (sold separately) to re-tighten.

Hand tighten suppressor only. Once snug, it is ready for use.

UTILIZING THE HUB MOUNT

ENSURE FIREARM IS SAFE AND UNLOADED BEFORE PROCEEDING TO INSTALLATION STEPS

What Is HUB and Why It Matters

The HUB mounting system, short for Hybrid Universal Base, is a standardized suppressor mounting interface that has become the modern industry standard for modular rifle suppressors. HUB refers specifically to a 1.375×24 TPI (threads per inch) thread pattern located at the rear of the suppressor body. This standardized interface allows a single suppressor to be used with a wide variety of mounting solutions, muzzle devices, and host firearms without relying on proprietary systems.

Suppressors that are HUB compatible are designed to accept a wide range of third-party and manufacturer-specific mounting adapters that share the same thread specification. This provides the end user with increased flexibility, easier cross-platform use, and the ability to configure the suppressor for different firearms or mounting preferences.

Mounting Options for HUB-Compatible Suppressors

There are two primary methods for attaching a HUB-compatible suppressor to a host firearm: Direct Thread and Quick-Detach (QD) mounting systems.

Direct Thread Mounting

Direct thread mounting attaches the suppressor directly to the threaded barrel of the firearm. In a HUB system, the suppressor itself does not thread directly to the barrel. Instead, a direct thread HUB adapter is installed into the rear of the suppressor, matching the barrel's thread pitch (such as 1/2×28 or 5/8×24). This allows the same suppressor to be easily reconfigured for multiple firearms by swapping the rear adapter rather than replacing the entire suppressor.

Direct thread mounting is valued for its simplicity, reduced weight, and minimal added length. It is commonly used on bolt-action rifles, hunting platforms, and firearms where rapid suppressor removal is not required.

Quick-Detach (QD) Mounting Systems

Quick-detach mounting systems allow the suppressor to be rapidly attached and removed using a muzzle device installed on the firearm. These systems typically consist of two components: a QD HUB mount that threads into the suppressor's HUB interface, and a compatible muzzle brake or flash hider mounted to the firearm's barrel.

When the suppressor is installed, it locks onto the muzzle device using the QD mechanism, providing secure alignment and repeatable mounting. Many popular QD systems on the market utilize the HUB standard, allowing users to select a mounting solution that best fits their shooting needs while retaining cross-compatibility.

Muzzle Devices and Suppressor Use

When a suppressor is mounted over a muzzle device, the device primarily serves as a mounting interface. Its recoil or flash-reducing characteristics are generally not effective while the suppressor is installed, as the device is enclosed within the suppressor body. In some configurations, the muzzle device may also act as a sacrificial blast surface, potentially reducing wear on the suppressor's internal components.

Important Installation Notice

Always follow the manufacturer's recommended installation instructions when installing any muzzle device, HUB mount, or adapter to your suppressor or firearm. Proper torque values, thread preparation, and alignment procedures are critical to safe operation and optimal performance.

CLEANING & DISASSEMBLY

It is recommended that the suppressor be cleaned every 50–100 rounds fired. The use of solid lead or plated lead bullets is not recommended.

Before cleaning, ensure the firearm is unloaded and remove the suppressor.

The BANISH VRMT 223 Ti is designed to be fully disassembled. Its baffles, end cap and breach cap can be removed.

Using the provided tool key and T-45 Torx wrench, remove the end cap of the suppressor. For best results, we recommend permanently attaching the T-45 Torx wrench and the tool key together. This can be done with “JB Weld” or similar product found at any local hardware store.

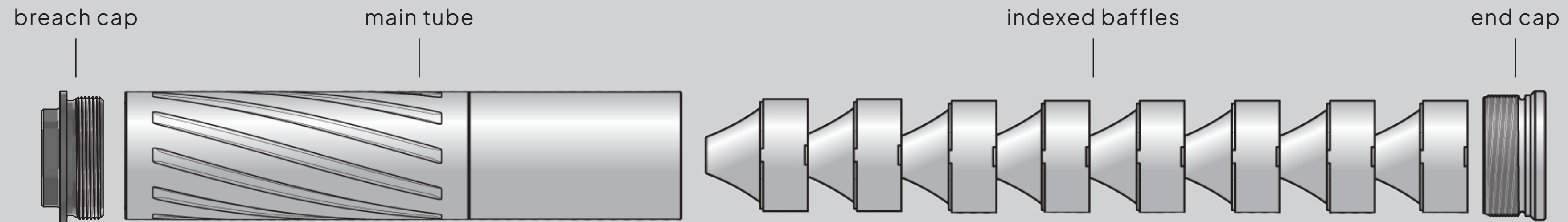
Using the wrench flats and a 1-inch or adjustable wrench, remove the breach cap.

From the breach cap end, push the baffles out of the end-cap side of the tube with a baffle removal tool or a wooden dowel.

To clean, submerge all disassembled suppressor parts in cleaning solution. Mild firearm solvents, sonic wash solutions, and even dish soap can be used to clean the suppressor. Be sure not to use solutions that will strip the Cerakote finish.

Let the suppressor soak for 24 hours. Once soaked, use a brass brush to clean all parts of the suppressor. Thoroughly clean all parts of the suppressor, removing any debris or buildup. This includes the suppressor’s threads, baffles, as well as all internal and external mounting threads.

Make sure all parts are clean and excess solvent has been removed.



ASSEMBLY

Reinstall the breach cap using a 1-inch or adjustable wrench.

On a flat surface, stack the eight matching baffles on top of each other. Make sure the indexing assembly tabs of each baffle and expansion spacer are aligned and fully engaged.

Looking inside the suppressor tube, note the positions of the assembly channels, these will correspond to the indexing tabs on the baffles.

Holding the tube, breach cap up, slide the tube over the baffle stack with the tabs and channels aligned.

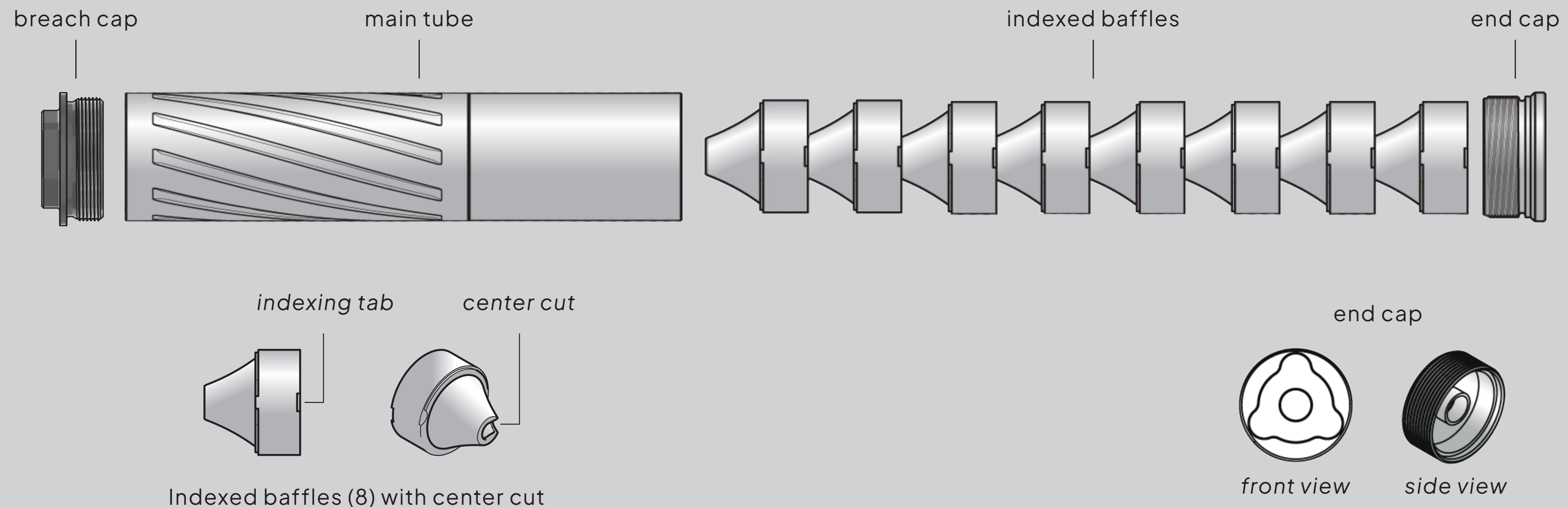
Keeping the tube in the upright position, slide entire assembly to the edge of the table, giving partial access to the baffle stack. While holding the tube with one hand, use the other hand to push the baffles further into the tube.

Maintaining pressure on the baffles, flip the entire assembly over so the end-cap side is up. Double check that the assembly tabs and channels are aligned.

Carefully tighten the end cap. If resistance is encountered and the red O-ring is still exposed, the tabs and channels are not properly aligned. If this happens, remove the end

cap and spin the baffle stack inside the tube until it seats into the channel.

Finish tightening end cap to 20–25 inch-pounds, or hand tight. When properly assembled, the O-ring should not be visible, and only the 45-degree bevel on the end cap should be exposed (approximately 1/32 inch).



LIFETIME GUARANTEE

For those who demand the best, BANISH Suppressors delivers. We stand behind the quality, craftsmanship, and performance of each suppressor we make—made and assembled in America—with a lifetime guarantee. We will repair or replace your BANISH suppressor if it ever becomes damaged or defective, at no cost to you. If we cannot repair it, we will replace it with a BANISH suppressor of equal value.

BANISH suppressors are sold “as is” with no further implied contractual rights, guarantees, or warranties beyond those expressly stated herein. The lifetime guarantee does not apply to certain conditions or acts. It is at the sole discretion and determination of BANISH Suppressors if a defect or condition is covered by this guarantee. Conditions not covered include, but are not limited to: modifications, loss, theft, abuse, negligence, deliberate damage, use of defective or improperly sized ammunition, criminal conduct, and cosmetic damage that does not hinder the performance of the product. BANISH Suppressors assumes

no liability for damages or bodily injury caused by such acts or omissions as previously described. Abuse and neglect are defined as usage outside of the reasonable scope for which the product is intended, thus contributing to the accelerated and unreasonable premature wear of the suppressor itself.

3D-printed suppressors cannot be repaired.

If a repair is needed, the legal owner should contact BANISH Customer Service at 877-904-5292. We will gather your information and send you a required warranty repair request form and shipping label.

Please do not ship the suppressor for repair without first contacting us.