

MCTR™ SUPPRESSOR

MISSION CAPABLE TECHNICAL READINESS

Experience unparalleled accuracy and silence with the SIONICS MCTR™ Suppressor. Designed with SAT™ "Stream Architecture Technology" and featuring an advanced "Blast Mitigation System", the MCTR™ family of suppressors have expanded chamber pockets which enhance top-tier suppression capabilities while still ensuring remarkably low back pressure and optimal performance.

Constructed using Additive Manufacturing with aerospace-grade materials, the MCTR™ is amongst the toughest and most high-tech suppressors on the market. Available in Direct Thread, HUB Compatible and Quick Detach.

SPECIFICATIONS

5.56
CALIBER

1.6"
DIAMETER

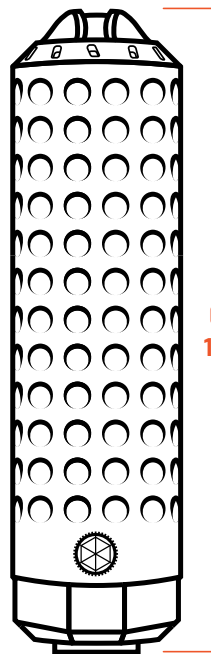
.224"
BORE DIAMETER

FULL AUTO
RATING

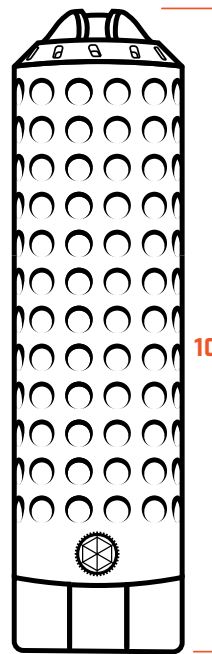
10.3
BARREL
RESTRICTIONS

INCONEL 718
MATERIALS

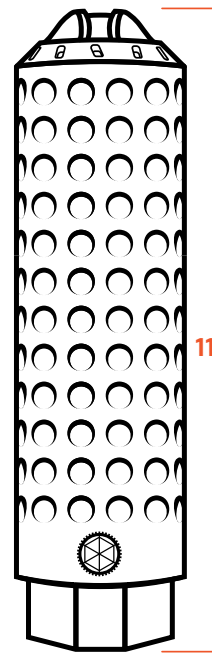
CERAKOTE
FINISH



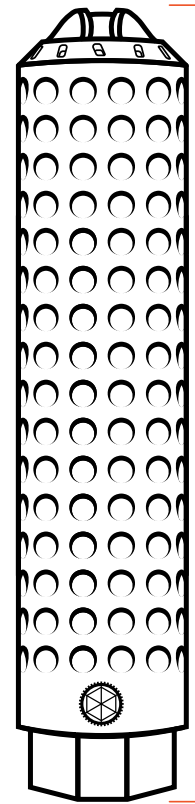
MCTR 5.56
DIRECT THREAD
1/2" X 28



MCTR-H 5.56
HUB COMPATIBLE



MCTR-QD 5.56
QUICK DETACH



MCTR-XLQD 5.56
XL QUICK DETACH

6"
11oz

6"
10.7oz

6"
11.8oz

7 3/16"
16.8oz

The MCTR Suppressor is engineered to achieve a sound reduction of 20 to 30 decibels, aligning with the performance benchmarks of comparable suppressors. To ensure objective and comprehensive sound data, independent third-party testing is underway. We anticipate these results will further validate the MCTR's performance, while acknowledging that actual sound reduction may fluctuate based on firearm setup, ammunition selection, and ambient conditions. *ALL NFA RULES APPLY*

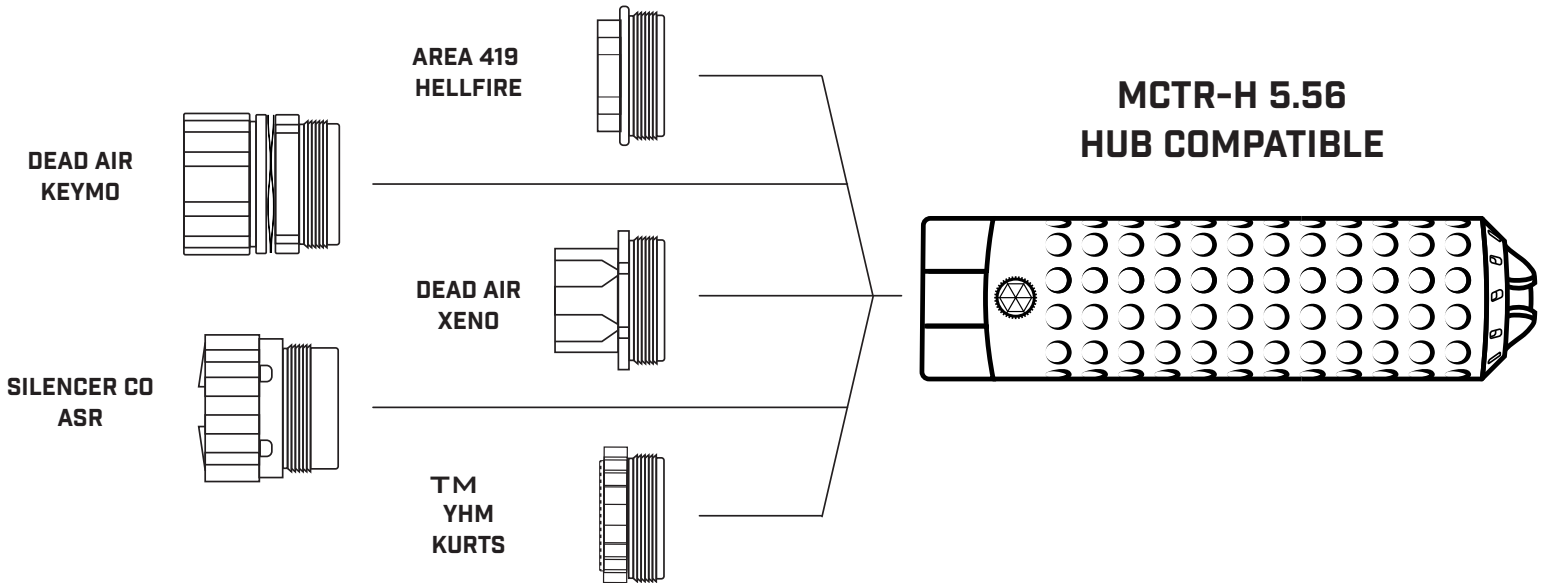
SIONICS Weapon Systems backs its products with a limited lifetime warranty against any manufacturing defects. Visit www.SIONICSWEAPONSYSTEMS.com for full details.
* Failure to follow installation instructions may void warranty.

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NON SIONICS COMPATIBLE HUBS

1×16 left-hand thread QD, open source by CAT.
Offered in 1/2×28 thread pitches:



SHIMMED SUPPRESSOR ADAPTER INSTALLATION

INCLUDED IN PACKAGING

- Suppressor Adapter
- Shim/Spacer Kit
- User Manual

REQUIRED TOOLS

- Acetone or Residue-Free Degreaser
- Cleaning Cloth/Cotton Swabs
- Brass Brush
- 1/2" Torque Driver (min. 20 ft lbs)
- 3/4 crow foot or 19mm socket
- Midwest upper receiver rod or similar upper receiver fixture
- Rocksett (Optional/Not included)

Referring to host weapon user manual, remove existing flash hider/muzzle brake, spacers, shims and/or washers from host weapon.
DO NOT reuse the shims, spacers or washers removed from host weapon.

1. Apply acetone/degreaser to the muzzle threads of host weapon barrel. Use cleaning cloth and/or brass brush to remove debris and residue from threads. Additionally, apply acetone/degreaser on cotton swab to clean the internal threads of adapter. Rocksett will not adhere to threads if surface is not dry and stripped clean of debris and residue.
2. Refer to illustration for dry fit timing recommendation. (15° - 20° before TDC)
3. Install the proper shim stack.
Note: For best fit, always sandwich the thinnest shim in between thicker shims.
4. Install adapter onto the barrel and tighten by hand.
5. Torque the adapter between 20 - 30 lb-ft (2.77 to 4.15 metric kilograms).
Note: Use a torque wrench and open-ended crow's foot, or Socket.
6. If the dry fit timing position is correct shim stack. Proceed to the next step. If proper timing is not correct, remove the adapter; add or subtract necessary shims until proper position of logo at 12 o'clock TDC is achieved. Remove adapter, shim stack and proceed to next step.
7. Apply a thin coat of Rocksett on to adapter threads and barrel threads.
8. Repeat steps 4-6 to reinstall the shim stack and adapter.
9. Allow Rocksett to cure for 24 hours before firing host weapon.



FLASH HIDER ONLY

Timing is NOT REQUIRED FOR THIS FLASH HIDER. Warning! Do not use crush washer for alignment. Thread Flash Hider-QD onto the barrel.
Using 3/4 crow foot or 19mm socket, index the flats of the muzzle device and torque to approximately: 30ft-lbf (≈20° after hand tight)

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