

**PURPOSE-BUILT FOR ULTRALIGHT RIFLES**

**KEY DESIGN FEATURES**

- **84% RECOIL REDUCTION\***  
Advanced Convergent-Divergent (CD) port geometry yields maximum gas dynamic efficiency allowing unprecedented recoil reduction while maintaining safe baffle angles and bore clearance.
- **SAFE BAFFLE ANGLES**  
Safe 35-degree impingement angles prevent dangerous splashback from reaching the shooter in the event of a baffle strike.
- **GENEROUS BORE CLEARANCE**  
The largest bore clearance in the industry improves forgiveness against misalignments providing maximum safety and accuracy.
- **LOW GAS BLOWBACK**  
Advanced CD port geometry produces a narrow exhaust plume precisely vectored to keep gases away from the shooter.
- **ZERO FLASH INCREASE**  
Will not increase or generate secondary flash, minimizing flash related blast effects common to other devices.
- **FULLY USER TUNABLE\*\***  
Piloted drill-out ports allow customized multi-directional gas biasing to maintain a rock solid sight picture that does not move when firing.
- **INTEGRATED UNIVERSAL TIMING NUT**  
Brake can be quickly installed or removed using a common adjustable wrench, or the included lightweight spanner tools, which can be conveniently carried in the field for quick suppressor changeover.
- **LIGHTWEIGHT & COMPACT**  
FEA optimized to provide a competition legal package that is lighter, smaller, and shorter than any other device in its class.



**PRODUCT SPECIFICATIONS**

| Hypertap® Ti Muzzle Brake |                                |
|---------------------------|--------------------------------|
| <b>Models</b>             | See Next Page                  |
| <b>Bore Clearance</b>     | 0.060"                         |
| <b>Baffle Angle</b>       | 35 Degrees                     |
| <b>Material (Body)</b>    | Grade-5 Titanium               |
| <b>Finish (Body)</b>      | Matte Black DLC                |
| <b>Material (Nut)</b>     | 17-4 Heat Treated Stainless    |
| <b>Finish (Nut)</b>       | Matte Black Nitride            |
| <b>Included</b>           | Two Stainless Spanner Wrenches |

**KEY ACCURACY FEATURES**

- **HYBRID BAFFLE DESIGN**  
An advanced continuous curvature baffle geometry efficiently diverts high pressure gas away from the bore axis, effectively combining flat baffle accuracy with angled baffle performance.
- **SYMMETRIC BORE APERTURE**  
Hybrid baffle geometry provides a fully axisymmetric bore aperture with minimum bore wall surface area, effectively minimizing projectile-baffle interaction and initial yaw angle for maximum BC and long range accuracy.

- **PRECISION BORE ALIGNMENT**  
All alignment features machined in same operation as bore for maximum straightness and concentricity. All threads held to tight class 3+ tolerances.
- **RUGGED SKELETONIZED CROWN**  
Skeletonized exit crown protects exit aperture against foreign debris and impact damage.
- **CLEANING FRIENDLY DESIGN**  
Open muzzle crown and fully exposed baffles help reduce carbon buildup and facilitate easy cleaning.

\*Measured on high precision recoil pendulum using .223 Rem, 55gr FMJ, 16" barrel.  
\*\*.450 caliber model comes factory pre-drilled to 70% maximum diameter.



|                      | Hypertap Ti Slim Body |                  |                  | Hypertap Ti Standard Body |            |             |
|----------------------|-----------------------|------------------|------------------|---------------------------|------------|-------------|
| <b>Caliber</b>       | .223/5.56mm           | .264/6.5mm       | .308/7.62mm      | .223/5.56mm               | .264/6.5mm | .308/7.62mm |
| <b>Thread</b>        | 1/2x28                | 1/2x28<br>5/8x24 | 1/2x28<br>5/8x24 | 5/8x24                    | 5/8x24     | 5/8x24      |
| <b>Length w/ Nut</b> |                       | 2.11"            |                  |                           | 2.43"      |             |
| <b>Diameter</b>      |                       | 0.90"            |                  |                           | 1.09"      |             |
| <b>Weight</b>        |                       | 1.5 oz - 1.7 oz  |                  |                           | 2.7 oz     |             |
| <b>MSRP</b>          |                       | \$259.99         |                  |                           | \$259.99   |             |