

ENGINEERED TO BE THE ABSOLUTE BEST

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® Muzzle Brake	
Models	See Next Page
Bore Clearance	0.060"
Baffle Angle	35 Degrees
Material (Body)	400 Series Stainless Steel
Finish (Body)	Matte Black PVD or Matte Stainless
Material (Nut)	17-4 Heat Treated Stainless
Finish (Nut)	Matte Black Nitride or Matte Stainless
Included	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.