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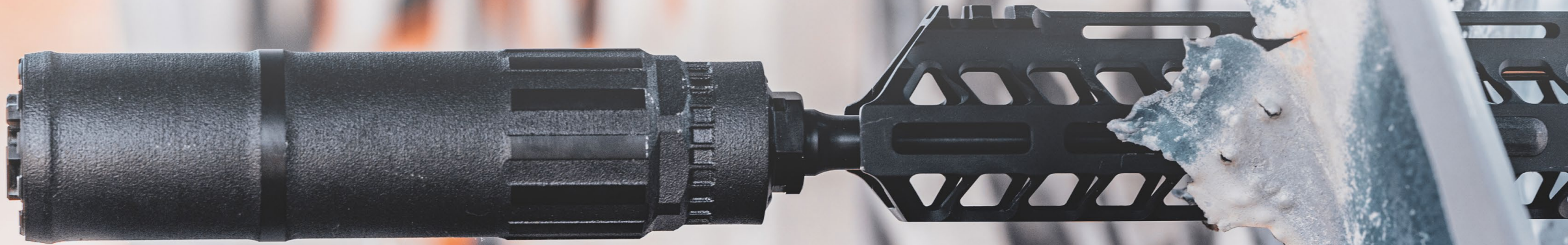


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A close-up, low-angle shot of a rifle with a suppressor. The rifle is dark-colored with a tan suppressor. The background is blurred, showing another rifle and a wooden surface. The text is overlaid on a dark, semi-transparent rectangular area on the left side of the image.

THE MISSION

SCIENCE HAS MET ITS MATCH. WE PUSH THE LIMITS OF DESIGN, OBSESS OVER DETAILS, AND POUR OURSELVES INTO EVERYTHING WE MAKE UNTIL THE RESULTS ARE PURE. PURE CGS

NOBODY MAKES GEAR LIKE OURS BECAUSE NOBODY HAS OUR EXPERIENCE. WE KNOW WHAT HOLDS UP TO THE HEAT AND WE BRING THAT TO OUR WORK. REAL-WORLD PERFORMANCE.

WE PUSH INNOVATION THROUGH OUR PROCESS OF MANUFACTURING. OUR UNIQUE BAFFLE DESIGNS PROVIDE A MORE EFFICIENT AND MORE DURABLE SUPPRESSOR.

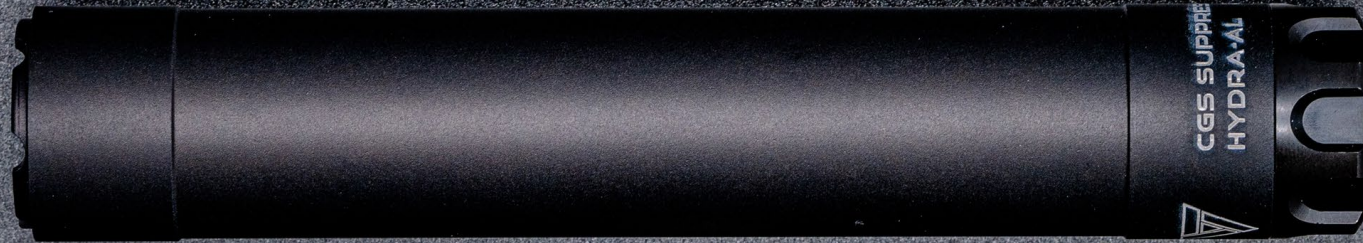
1% OF SALES IS DIRECTLY GIVEN TO THE UNIT SCHOLARSHIP FUND.

THE PROCESS

The additive manufacturing process CGS uses makes our AM silencers far stronger and more durable than other comparative rifle silencers for a few reasons. Our manufacturing process creates parts with even higher strength and hardness than billet, forgings, castings, sintering, or MIM, and does so with increased material density within the part. With high cooling rate, the microstructure and features of DMLS parts are very small, leading to higher strength and hardness even when compared with forging. Unlike most other companies' products, there are no welds in CGS suppressors so there are no welds to fail or cause concentricity problems from warping. The Hyperion VCD (Variable Core Diameter) design itself makes CGS silencers far stronger than any other comparative silencer by better controlling heat and pressure distribution.



HYDRA AL



SPECIFICATIONS	
CALIBER	22LR - SEMI AUTO ONLY
ADDED LENGTH	5.25"
DIAMETER	1"
WEIGHT	3.07oz
MATERIAL	
TUBE	6065 T6 Aluminum
BAFFLE	7075 T6 Aluminum
FINISH	TYPE III MIL Spec Hardcoat Anodized Aluminum and Black Nitrided Stainless Steel Rear Cap

At 3.07 ounces, the Hydra AL is one of the lightest 22LR silencers available. The size and weight do not hold back its suppression capabilities. The shielded, interlocking, orientable baffle stack interlocks with the rear cap allowing the end user to retain the same point of impact shift upon reassembly after cleaning. This interlocking design allows the end-user to experiment with different baffle orientation combinations to find the quietest configuration for their particular host firearm, barrel length, and cartridge combination.

HYDRA SS



SPECIFICATIONS	
CALIBER	22LR, 22WMR, 17HMR, 5.7x28
LENGTH	5.25"
DIAMETER	1"
WEIGHT	5.4oz
MATERIAL	
TUBE	Grade 9 Titanium
BAFFLE	17-4ph Stainless Steel
FINISH	PVD exterior and Nitrided Stainless Steel Rear Cap

Catch the attention of everyone on the firing line with the unique PVD finish of the Hydra SS. Its stainless steel baffles and titanium tube can handle full auto use if you're one of the lucky few to own such a device. The Hydra SS can be considered an up-armored variant of the Hydra AL, possessing the same features but significantly increased strength and heat tolerance. The 1/2x28 threaded stainless steel rear cap ensures compatibility with any 1/2x28 barrel thread length, so no spacers need to be used if you have longer .600" long threads rather than the proper .400" long threads for rimfire/handgun use.

MOD9



SPECIFICATIONS	
CALIBER	9mm
ADDED LENGTH	7.3"
DIAMETER	1.375"
WEIGHT	9.66oz
CALIBER RATING	9mm & 300 Blackout Subsonic
MATERIAL	
TUBE	7075 T6 Aluminum
BLAST BAFFLE	17-4 Stainless Steel
BAFFLE	7075 T6 Aluminum
PISTON ASSEMBLY	17-4 Stainless Steel
FINISH	TYPE III MIL Spec Hardcoat Anodized Aluminum and Black Nitrided Stainless Steel

The MOD 9 is one of the lightest, quietest, and most versatile 9mm handgun and pistol-caliber carbine silencers. It features anodized 7075 T6 aluminum in the front of the silencer and 17-4 H900 stainless steel parts in the rear of the silencer. This allows the MOD 9 to balance much better on a handgun despite its length, resulting in the MOD 9 feeling lighter than it otherwise would. CGS Group developed an advanced piston system to limit first-round pop and used a twelve-spoke design for twelve point of impact adjustment positions. The MOD 9 is also compatible with the CGS Three Lug Mount for those who desire quick on/off functionality. The CGS Fixed Barrel Spacer provides a locked-out direct thread solution for fixed barrel host firearms.

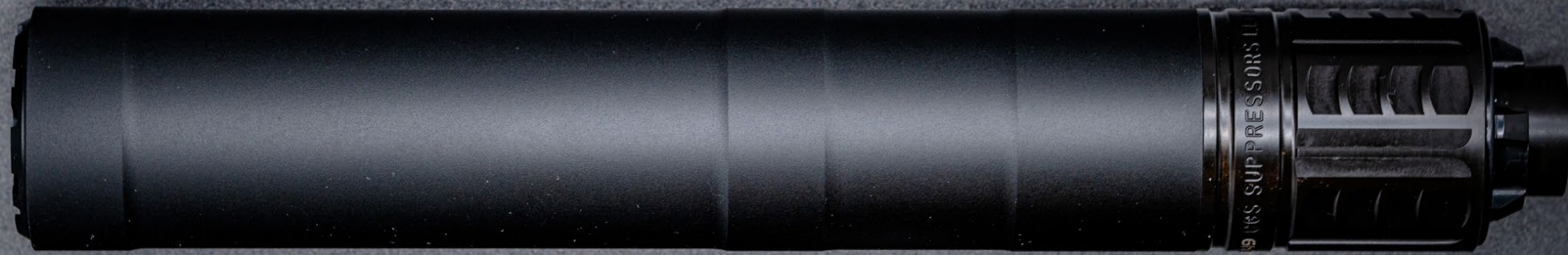
MOD9-SK



SPECIFICATIONS	
CALIBER	9mm
ADDED LENGTH	4.4"
DIAMETER	1.375"
WEIGHT	7.65oz
CALIBER RATING	9mm & 300 Blackout Subsonic
MATERIAL	
TUBE	7075 T6 Aluminum
BLAST BAFFLE	17-4 Stainless Steel
BAFFLE	7075 T6 Aluminum
PISTON ASSEMBLY	17-4 Stainless Steel
FINISH	TYPE III MIL Spec Hardcoat Anodized Aluminum and Black Nitrided Stainless Steel

The MOD 9 SK is CGS Group's answer to making a compact, lightweight, 1.375" durable handgun silencer. It shares all of the same characteristics of the MOD 9 FS, though in a shorter and lighter package. This do-all silencer imparts less backpressure than a full-size MOD 9. While providing great sound suppression to take the edge off on handguns, it also gives an excellent performance for its size on pistol-caliber carbines and SMGs—the longer barrel results in lower pressures for the silencer. The MOD 9 SK comes with the specially designed 1/2x28 piston by default for compatibility with most common host firearms. Like the full-size MOD 9, the MOD 9 SK utilizes the CGS second-generation Orion shielded baffles and is compatible with the same accessories.

NAUTILUS



SPECIFICATIONS	
CALIBER	45 ACP
ADDED LENGTH	8.23"
DIAMETER	1.375"
WEIGHT	10.3oz
CALIBER RATING	45 ACP, 9mm, 300 Blackout subsonic
MATERIAL	
TUBE	7075 T6 Aluminum
BLAST BAFFLE	17-4 Stainless Steel
BAFFLES	7075 T6 Aluminum
PISTON ASSEMBLY	17-4 Stainless Steel
FINISHES	Type III Mil Spec Hardcoat Anodized Aluminum and Black Nitrided Stainless Steel

The 45ACP big brother to the MOD 9 is a versatile solution ready for nearly any situation. One of the lightest and quietest 45ACP silencers available, the Nautilus can also be adapted to use on 9mm host firearms simply by swapping out the piston for the appropriate thread type. This gives you a longer silencer than the MOD 9, but the larger bore diameter of the Nautilus allows more gas to flow forward out of the bore more quickly, which on some host firearms may be more desirable if gas blowback is an issue. The Nautilus comes with the specially designed .578x28 piston by default for compatibility with most common host firearms. Like the MOD 9 series, the Nautilus utilizes the CGS second-generation Orion shielded baffles and is compatible with the same accessories.

HYPERION



SPECIFICATIONS	
CALIBER	7.62mm
ADDED LENGTH	8.8"
DIAMETER	1.75"
WEIGHT	15.1oz
BARREL MINIMUM	10" 5.56mm and similar such as 5.45x39
DIRECT THREAD TYPE	5/8 x 24 TPI
MATERIAL	
HYPERION CORE CORE	Grade 5 Titanium
DEFAULT ACCESSORIES	Grade 5 Titanium
FINISHES	S-Line (Boron Nitride), Black DLC

The Hyperion is at the top of the class in supersonic suppression while simultaneously providing end users incredible subsonic suppression. It excels at long range precision due to its symmetrical internal design featuring CGS VCD (Variable Core Diameter) technology and its additive manufactured Laser Powder Bed Fusion (3D printed) construction method. As long as the actual diameter of the bullet is .316" or less, you can fire it through the Hyperion. The internal S-Line hexagonal boron nitride coating prevents fouling from sticking to internal surfaces, eliminating the need to clean. POI shift is minimal and repeatable, and some end users may see zero POI shift whatsoever. CGS rifle silencers are the only dual function silencers available that can be converted to function differently simply by changing out the front cap allowing the end-user to have a traditional-type silencer and a flow bypass-type silencer all in one..



HYPERION K



SPECIFICATIONS	
CALIBER	7.62mm
ADDED LENGTH	5.6"
DIAMETER	1.75"
WEIGHT	10.5oz
BARREL MINIMUM	10" 5.56mm and similar such as 5.45x39
DIRECT THREAD TYPE	5/8 x 24 TPI
MATERIAL	
HYPERION K CORE CORE	Grade 5 Titanium
DEFAULT ACCESSORIES	Grade 5 Titanium
FINISHES	S-Line (Boron Nitride), Black DLC

The Hyperion K is the short and extremely lightweight variant of the full-size Hyperion and utilizes the same baffle architecture and internal symmetrical design. This silencer's shorter length and lighter weight make it an excellent candidate for packing around while hunting, for short barrel 300 Blackout setups, or for long-range precision use on bolt guns or semi-auto hosts, to name a few. Compared to the full-size Hyperion, the Hyperion K imparts less backpressure into a semi-auto host firearms operating system and allows for increased maneuverability. It features the same function-changing capability as the Hyperion and is also compatible with Hyperion Thread Adapters. The Hyperion K also uses the 5/8x24 direct thread mount.

HELIOS DT



SPECIFICATIONS	
CALIBER	5.56mm
ADDED LENGTH	5.68"
DIAMETER	1.75"
WEIGHT	10.6oz
BARREL MINIMUM	10" 5.56mm and similar such as 5.45x39
MATERIAL	
HELIOS DT CORE	Grade 5 Titanium
DEFAULT ACCESSORIES	Grade 5 Titanium
FINISHES	S-Line (Boron Nitride), Black DLC

The Helios DT is a Hyperion K that was made to be native to 1/2x28 5.56 host firearms. This lightweight silencer gives end users a low back pressure and low gas blowback solution to 5.56 firearms, which some may find particularly appealing on shorter 5.56 carbines. The Helios DT has the same features as all CGS rifle silencers, including symmetrical design for precision rifle use, function changing front caps, S-Line hexagonal boron nitride internal coating, and additive manufactured construction. The internal S-Line hexagonal boron nitride coating helps limit titanium white sparking compared to an uncoated titanium silencer, the degree to which depends entirely on cartridge and barrel length.

HELIOS QD



SPECIFICATIONS	
CALIBER	5.56mm, 7.62mm Capable
ADDED LENGTH	6.58" in Default Direct Thread Config
DIAMETER	1.5" Rear, 1.75" at Front
WEIGHT	20.7oz in Default Direct Thread Config
BARREL MINIMUM	None
MATERIAL	
HELIOS QD CORE	718 Inconel
DEFAULT ACCESSORIES	17-4 Stainless Steel
FINISHES	S-Line (Boron Nitride), Black DLC, and Black Nitride

The Helios QD was made to handle anything you can throw at it. No barrel length restrictions. No rate of fire restrictions.

They are constructed with Laser Powder Bed Fusion 718 Inconel. The bore tapers going forward from .355-.375" helps limit the amount of gas blowback into the shooter's face and impact the host firearm operating system. The Helios QD has been tested and survived back-to-back SOCOM firing tables on 5.5" 5.56 (240rds x2.) The Helios QD comes as a full kit of feature-rich parts, including a Helios core, 1/2x28 rear cap, 5/8x24 rear cap, solid front cap, full vent front cap, and a QD adapter ring providing compatibility with any 1.375x24 pattern QD mount available.

HELIOS QD TI



SPECIFICATIONS	
CALIBER	5.56mm, 7.62mm Capable
ADDED LENGTH	6.58" in Default Direct Config.
DIAMETER	1.5" at Rear, 1.75" at Front"
WEIGHT	11.6oz in 1/2x28 Thread Config, 11oz with QD Adapter Ring
BARREL MINIMUM	10" 5.56mm and similar such as 5.45x39
MATERIAL	
HELIOS QD TI CORE	Grade 5 Titanium
DEFAULT ACCESSORIES	Grade 5 Titanium
FINISHES	S-Line (Boron Nitride), Black DLC

The titanium variant of the Helios QD was developed for those who don't have a need for an extreme hard use belt-fed 5.56 silencer. Nearly half the weight of the Helios QD, with all of the sound suppression and versatility of the original. The Helios QD Ti is also sold as a full kit of the same accessories, and the sole difference is that the Helios QD Ti accessories are all made of Grade 5 titanium instead of stainless steel. This, paired with the additive manufactured construction, ensures the silencer is future proof so regardless of when future front and rear cap accessories are made, they'll always be concentric to the bore line. The Helios QD Ti also has a symmetrical blast chamber, making it an excellent option for long-range precision and hunting use for those who desire a much quieter and/or more versatile option than a Hyperion K without much weight or length increase.

HEKATE



SPECIFICATIONS	
CALIBER	.338 CAL (8.6mm)
ADDED LENGTH	10"
DIAMETER	1.75"
WEIGHT	17.6oz
MATERIAL	
HELIOS CORE	Grade 5 Titanium
DEFAULT ACCESSORIES	Grade 5 Titanium
FINISHES	S-Line (Boron Nitride), Black DLC

CGS Group's big-bore suppression solution weighs under 18oz and is still capable of handling significant abuse, such as a 14" semi-auto 338 Lapua Magnum short barrel rifle. This silencer can tame anything with up to a 338 cal projectile down to sound levels that will astonish. Grade 5 titanium provides the best of both worlds, strength, and lightweight. The Hekate is an excellent precision rifle silencer initially made for long-range precision bolt guns, and as such has the same symmetrical blast chamber as our other rifle silencers for minimal and repeatable point of impact shift. The Hekate is available from various retailers with 5/8x24 and 3/4x24 threads as of this publication. This silencer can make your 20" 338 Lapua Magnum bolt gun sound like a suppressed 20" 308 bolt gun.

KERES



SPECIFICATIONS	
CALIBER	50 CAL (12.7mm)
LENGTH	13.82"
DIAMETER	2.62"
WEIGHT	56.5oz
MATERIAL	
KERES CORE	Grade 5 Titanium
DEFAULT ACCESSORIES	Grade 5 Titanium
FINISHES	S-Line (Boron Nitride), Black DLC

The CGS KERES 50 is the largest silencer offered by CGS Group. Made entirely of Grade 5 titanium, it can handle semi-auto and bolt action 50BMG rifle use all day long. It has a symmetrical blast chamber like all properly designed precision rifle silencers, allowing for minimal and repeatable point of impact shift. Much lighter compared to the competition, thanks to its 3D printed construction, design, and use of titanium, the Keres adds only 13.82" to the end of the bare muzzle while providing the maximum sound and flash reduction possible for 50BMG. The Keres uses the same technology derived from the Hyperion to provide the end-user with as much sound and flash suppression as possible while still being excellent for long-range precision use without compromise.



THE PEOPLE

We wouldn't call our products superior if we didn't have a real-world understanding of what works and what doesn't. Repeated performance in ultra-intense situations breeds perfection. Our team is built from military veterans and civilians with an iron grip on precision and performance. Individual experiences have come together to design a superior product that is second to none in the market. We seek out the subject matter experts in each field that we work within to ensure we are at the forefront of pushing innovation. Designers. Engineers. Machinists. Gunsmiths. Visionaries. and Creatives. CGS Group stops at nothing.



CFE
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