



TiON



User-Servicable, Weld-Free, Titanium Suppressors

**Minuteman®
Grenadier®
Dragoon®
Suppressors**



The Technology Behind Our Suppressors

Total Breakdown Technology (TBT) TBT design allows every suppressor component to be removed from the suppressor tube/body for the ease of cleaning/servicing/replacement of suppressor components.

TiON suppressor technology allows the consumer to completely disassemble all suppressor components for cleaning and maintenance without any special tools or manufacturing equipment. All parts including the piston housing, baffles and other piece parts disassemble and so provides an unobstructed, smooth suppressor tube to be accessible for cleaning. As a result, the cleaning process is enhanced due to the ability to access all part surfaces.

Quick Detach Technology (QD) Our Proprietary QD Mounting System eliminates Point of Impact (POI) issues associated with mounting systems using coarse threads/ratcheting attachment methods. TiON's robust system accomplishes the mating of the rifle mount to the suppressor with two beveled and parallel shoulders against its counterpart surfaces in the muzzle end of the suppressor body. Additionally, the surfaces are maintained in tight interface with the use of a special retention nut which pulls the surfaces together and locks them in place until removal. One handed attachment and/or removal is achieved in one to two seconds.

Gas Indexing Technology (GIT)* Historically, consumers have been required to use any given suppressor in a fixed design configuration determined by the manufacturer. GIT fundamentally changes this dynamic. GIT allows the consumer to reconfigure the suppressor baffle stack for improved sound reduction capabilities on different host firearms. Because of the pressure differences created by the length of the barrel, the ability to configure and reconfigure the baffle ports in relation to each other affects the silencer sound reduction performance. GIT allows the rotational orientation of baffles as one relates to the next in a given baffle stack for the purpose of improving sound reduction as the consumer transfers a given suppressor from a high pressure to a low pressure or low pressure to high pressure host firearm. A specific example of the performance improvement is the .22LR handgun versus the .22LR rifle. When the suppressor baffle ports are aligned in a straight orientation they perform best on the handgun (high pressure); and when the baffle stack orients each successive baffle (turned) 90 degrees creating a spiral configuration, they perform best on the rifle (low pressure). Thus, the consumer can reconfigure the baffle ports any number of times as he / she transfers the suppressor back and forth between a handgun and a rifle.

GIT Technology applies to TiON's rimfire and pistol caliber handgun/rifle suppressors but does NOT apply to the centerfire rifle caliber suppressor line. The internal pressures of centerfire rifle calibers are such that this technology is not applicable.

*U.S. Patent 9,410,761

Minuteman Rimfire & Grenadier® Handgun Caliber Suppressors

TiON has revolutionized modern suppressor technology with the introduction of the Minuteman and Grenadier® suppressors. Both use our patented *Gas Indexing Technology (GIT). GIT allows the rotational orientation of baffles as one relates to the next in a given stack to take advantage of differences in pressures between handguns and rifles. This provides optimum sound reduction on a host of different firearms when transferring the suppressor between a handgun and a rifle.*^{U.S. Patent 9,410,761}



Suppressor Finish Options

TiON offers any suppressor in 6 custom high temperature Cerakote finishes in addition to Polished Titanium.

Black Cerakote is the default finish for all suppressors.
To order other finishes, add the desired color code (shown in yellow below each swatch) to the suppressor item number.

For Example:

The order number for a Dragoon 7.62 in Burnt Bronze would be D7BB; the order number for the same Dragoon in Gun Metal finish would be D7G.



Minuteman Rimfire Suppressor

Features

- TBT technology for easy cleaning.
- Extremely low 3.9oz. suppressor weight.
- Rated from .22LR to FN5.7 x 28 calibers.
- Full auto rated for .22LR.
- Thin 1" diameter does not impede iron sights.
- Extreme strength/durability derived from 100% Titanium construction.
- Field strip and assemble with standard tools.

Minuteman



Grenadier® Handgun Suppressor

Features

- TBT technology for easy cleaning.
- Rated from .45ACP, .40S&W, 9mm, .300 Whisper/Blackout & .458 SOCOM (subsonic). Full auto rated for .45ACP and 9mm.
- 1.375" diameter.
- The most durable .45 and 9mm suppressors in the marketplace.
- Extreme strength/durability derived from 100% Titanium construction.
- Field strip and assemble with standard tools.

Grenadier



Minuteman TI Rimfire

Item# MTI

Caliber .22LR (*Full Auto Rated*)
.17 HMR
.22 WMR
.22 Hornet
FN 5.7x28

Material Tube-GR9 Titanium
Baffles/End Caps-
6AI-4V Annealed
Titanium

Size/Weight Lngth. 6.00"
Dia. 1.00"
Wgt. 3.9 oz.
5.7 X 28

Test Results - Mil-Std 1474D Test @ 1 Meter				
Caliber	Bullet Wgt.	Ammunition	Barrel Lngth. Muzzle	
.22LR	40gr	CCI Std Velocity	5.5"	113dB
.22LR	40gr	CCI Std Velocity	22"	115dB
.22WMR	40gr	CCI Maxi Mag	22"	122dB
FN 5.7x28	40gr	American Eagle	5.5"	135dB

Grenadier 9

Item# G9

Caliber 9mm (*Full Auto Rated*)
.300 Blackout/Whisper

Material 6AI-4V Annealed TI
GR9 TI-Tube
Stainless-Spring

Available Pistons .5x36
.5x28
5/8x24
13.5x1LHM
Rifle/MG Spacer

Size/Weight Lngth. 7.4"
Dia. 1.375"
Wgt. 10.3 oz.

Test Results - Mil-Std 1474D Test @ 1 Meter				
Caliber	Bullet Wgt.	Ammunition	Firearm	Barrel Lngth. Muzzle Left Ear
.22LR	40gr	CCI Std Velocity	5.5"	121dB
.22LR	40gr	CCI Std Velocity	22"	120dB
9mm	147gr	Win. Train & Defend	5.5"	125dB
9mm	165gr	Hush	5.5"	120dB
9mm	147gr	Win. Train & Defend	16"	123dB
9mm	165gr	Hush	16"	119dB
.300 Blk Out	200gr	S&B	16.12"	127dB
.300 Blk Out	150gr	Win. Deer Season XP	16.12"	140dB
.357 Mag	158gr	Ammo Inc	Henry Big Boy X	17.5" 131dB 127dB
.350 Lgd	180gr	Winchester	Savage Axis II	18" 141dB 134dB
.350 Lgd	255gr	Winchester	Savage Axis II	18" 133dB 127dB

Grenadier 9 CQB

Item# G9C

Caliber 9mm (*Full Auto Rated*)
.300 Blackout/Whisper

Material 6AI-4V Annealed TI
GR9 TI-Tube
Stainless-Spring

Available Pistons .5x36
.5x28
5/8x24
13.5x1LHM
Rifle/MG Spacer

Size/Weight Lngth. 6.8"
Dia. 1.375"
Wgt. 9.9 oz.

Test Results - Mil-Std 1474D Test @ 1 Meter				
Caliber	Bullet Wgt.	Ammunition	Firearm	Barrel Lngth. Muzzle Left Ear
.22LR	40gr	CCI Std Velocity	5.5"	124dB
.22LR	40gr	CCI Std Velocity	22"	120dB
9mm	147gr	Win. Train & Defend	5.5"	127dB
9mm	165gr	Hush	5.5"	121dB
9mm	147gr	Win. Train & Defend	16"	125dB
9mm	165gr	Hush	16"	120dB
.300 Blk Out	200gr	S&B	16.12"	128dB
.300 Blk Out	150gr	Win. Deer Season XP	16.12"	141dB
.357 Mag	158gr	Ammo Inc	Henry Big Boy X	17.5" 131dB 127dB
.350 Lgd	180gr	Winchester	Savage Axis II	18" 140dB 133dB
.350 Lgd	255gr	Winchester	Savage Axis II	18" 132dB 129dB

Grenadier .45

Item# G45

Caliber 45ACP (*Full Auto Rated*)
.40S&W
9mm (*Full Auto Rated*)
.300 Blackout/Whisper
.458 SOCOM (Subsonic)

Material 6AI-4V Annealed TI
GR9 TI-Tube
Stainless-Spring

Available Pistons .578x28
.5x36
.5x28
5/8x24
16x1LHM
16x1RHM
13.5x1LHM
14.5x1LHM
9/16x24
.625x32
Rifle/MG Spacer

Size/Weight Lngth. 8.5"
Dia. 1.375"
Wgt. 11.4 oz.

Test Results - Mil-Std 1474D Test @ 1 Meter				
Caliber	Bullet Wgt.	Ammunition	Firearm	Barrel Lngth. Muzzle Left Ear
.22LR	40gr	CCI Std Velocity	5.5"	126dB
.22LR	40gr	CCI Std Velocity	22"	120dB
9mm	147gr	Win. Train & Defend	5.5"	133dB
9mm	165gr	Hush	5.5"	124dB
9mm	147gr	Win. Train & Defend	16"	125dB
9mm	165gr	Hush	16"	122dB
.45ACP	230gr	American Eagle	5.5"	131dB
.45ACP	230gr	Hush	5.5"	124dB
.300 Blk Out	200gr	S&B	16.12"	130dB
.300 Blk Out	150gr	Win. Deer Season XP	16.12"	142dB
.357 Mag	158gr	Ammo Inc	Henry Big Boy X	17.5" 131dB 126dB
.350 Lgd	180gr	Winchester	Savage Axis II	18" 144dB 137dB
.350 Lgd	255gr	Winchester	Savage Axis II	18" 136dB 130dB

Note: Add color code suffix to Item numbers when ordering. See page 2 for instructions.

Dragoon® Family of Mini Suppressors

Features

- TBT technology for easy cleaning.
- Configured in both Direct Attach (DA) and Quick Detach (QD) models.
- 5.56 supports .22LR thru 22-250 cartridges; 7.62 models are optimized for .300 Blackout (Subsonic & Supersonic) and .308 Win.; 9mm supports .22LR thru 350LG and are optimized for 9mm (Subsonic & Supersonic).
- Smallest suppressor diameter in the industry facilitates sliding under metal firearm forends with short barrels.
- QD models include a robust titanium mounting system using proprietary titanium flash hider/ QD mounts allowing for one handed install and removal in 2 seconds.
- Proprietary titanium flash hider/QD mount creates a fast, rock solid, and light weight lock up.
- Unsurpassed light weight.
- Extreme strength/durability derived from 100% Titanium construction.
- Field strip and assemble with standard tools.

Dragoon® 5.56 Rifle Suppressor

Features

- TBT technology for easy cleaning.
- Rated from .22LR thru 22-250 caliber.
- Configured in both Direct Attach (DA) and Quick Detach (QD) models.
- QD models include a robust titanium mounting system using proprietary titanium flash hider/ QD mounts allowing for one handed install and removal in 2 seconds.
- Proprietary titanium flash hider/QD mount creates a fast, rock solid, and light weight lock up.
- Extreme strength/durability derived from 100% Titanium construction.
- Field strip and assemble with standard tools.

Dragoon Mini



Dragoon 9mm Mini

Item#	Caliber	Material	Length	Dia.	Weight
D9M	9mm	6AL-4V Annealed	5.5"	1.375"	8.6 oz.
D9QM(QD)	9mm	Titanium	6.35"		10 oz.



Test Results - Mil-Std 1474D Test @ 1 Meter

Caliber	Bullet Wgt.	Firearm	Ammunition	Barrel Lngth.	Muzzle	Left Ear
.22LR	40gr	Bergara BMR	CCI Match Std Velocity	18"	123dB	
9mm	147gr	Ruger PC	Fed American Eagle	16"	124dB	
9mm	147gr	Ruger PC	Hush	16"	121dB	
9mm	147gr	CMMG Banshee	Fed American Eagle	4.5"	133dB	131dB
9mm	147gr	CMMG Banshee	Hush	4.5"	132dB	129dB
.38Spl	130gr	Henry Big Boy X	Fiocchi Range	17.5"	128dB	128dB
.357Mag	158gr	Henry Big Boy X	Ammo Inc	17.5"	131dB	128dB
.300BLK	125gr	Ruger American	Winchester	16"	144dB	138dB
.300BLK	200gr	Ruger American	Sellier & Bellot	16"	134dB	130dB
.223 Rem	55gr	Howa 1500	PMC Bronze FMJ	20"	149dB	140dB*
.350LGD	180gr	Savage Axis II	Winchester	18"	142dB	139dB
.350LGD	255gr	Savage Axis II	Winchester	18"	137dB	133dB

*Note: .223/5.56 barely hearing safe at ear with bolt action rifle only, not hearing safe with semi rifle.

Dragoon 5.56



Dragoon 5.56 Mini

Item#	Caliber	Material	Length	Dia.	Weight
D5M	5.56	6AL-4V Annealed	5.00"	1.375"	7.6 oz.
D5QM(QD)	5.56	Titanium	5.835"		9.0 oz.

Test Results - Mil-Std 1474D Test @ 1 Meter

Caliber	Bullet Wgt.	Firearm	Ammunition	Barrel Lngth.	Muzzle	Left Ear
.22LR	40gr	Savage	CCI Match Std Velocity	18"	115dB	114dB
5.7X28	40gr	PS-90	FN SS197SR	11.5"	132dB	129dB
.223 Rem	55gr	Howa 1500	PMC Bronze FMJ	20"	141dB	132dB
.22-250 Rem	55gr	Ruger	Remington Express	22"	145dB	133dB

Dragoon 7.62 Mini

Item#	Caliber	Material	Length	Dia.	Weight
D7M	7.62	6AL-4V Annealed	5.5"	1.375"	8.2 oz.
D7QM(QD)	7.62	Titanium	6.35"		9.8 oz.

Test Results - Mil-Std 1474D Test @ 1 Meter

Caliber	Bullet Wgt.	Firearm	Ammunition	Barrel Lngth.	Muzzle	Left Ear
308 Win	168gr	Savage	Fed Gold Metal Match	20"	146dB	137dB
.300 BO	208gr	Ruger	Hornady Blk Subsonic	16"	135dB	127dB
.300 BO	147gr	Ruger	Sellier & Bellot FMJ	16"	145dB	134dB
.223 Rem	55gr	Howa 1500	PMC Bronze FMJ	20"	145dB	136dB
6.5 CM	143gr	Remington 700	Hornady ELD-X	22"	146dB	135dB

Dragoon 5.56 DA (Direct Attach)

Item#	Caliber	Material	Size/Weight
D5	.22LR (Full Auto) FN 5.7 (Full Auto) 5.56mm (Limited Full Auto) .22-250	6AL-4V Annealed TI Compression Bushing-Brass	Lngth. 6.75" Dia. 1.375" Wgt. 9.66 oz.

Test Results - Mil-Std 1474D Test @ 1 Meter

Caliber	Bullet Wgt.	Ammunition	Barrel Lngth.	Sound Pressure	Left Ear
.22LR	40gr	CCI Std Velocity	20"	116dB	
FN 5.7	40gr	FN SS197SR	10"	126dB	
5.56	62gr	M855	22"	132dB	127dB

Dragoon 5.56 QD (Quick Detach)

Item#	Caliber	Material	Size/Weight
D5Q	.22LR (Full Auto) FN 5.7 (Full Auto) 5.56mm (Limited Full Auto) .22-250	6AL-4V Annealed TI Compression Bushing-Brass QD Spring-Stainless	Lngth. 7.5" Dia. 1.375" Wgt. 10.96 oz.

Test Results - Mil-Std 1474D Test @ 1 Meter

Caliber	Bullet Wgt.	Ammunition	Barrel Lngth.	Sound Pressure	Left Ear
.22LR	40gr	CCI Std Velocity	20"	116dB	
FN 5.7	40gr	FN SS197SR	10"	126dB	
5.56	62gr	M855	22"	132dB	127dB

Note: Add color code suffix to Item numbers when ordering. See page 2 for instructions.

Dragoon 7.62



Dragoon® 7.62 & 7.62 CQB Rifle Suppressors

Features

- QD models include a robust titanium mounting system using proprietary titanium flash hider/ QD mounts allowing for one handed install and removal in 2 seconds.
- Extreme strength/durability derived from 100% Titanium construction.
- Field strip and assemble with standard tools.
- TBT technology for easy cleaning.
- 7.62 CQB rated .22LR to 6.5 Creedmoor; 7.62 rated .22LR to .300Wby Mag.
- Configured in Direct Attach (DA) and Quick Detach (QD) models.
- Proprietary titanium flash hider/QD mount creates a fast, rock solid, and light weight lock up.



Dragoon 7.62 DA (Direct Attach)

Item#	Caliber	Material	Size/Weight	Test Results - Mil-Std 1474D Test @ 1 Meter
D7	.22LR (Full Auto) FN 5.7 (Full Auto) 5.56mm (Limited Full Auto) .22-250 .308/7.62 NATO (Limited Full Auto) 6.5 Creedmoor .300 Wby Mag	6AL-4V Annealed Ti Compression Bushing -Brass	Lngth. 8.75" Dia. 1.375" Wgt. 11.46 oz.	Caliber Bullet Wgt. Ammunition Barrel Lngth. Sound Pressure Left Ear .22LR 40gr CCI Std Velocity 20" 120dB FN 5.7 40gr FN SS197SR 10" 129dB 5.56 62gr M855 22" 133dB .300 Blk. Sub. 220gr Sig Sauer .300 Blk Subsonic 16" 124dB 122dB .308/7.62 NATO 175gr Fed .308 Gold Metal 20" 135dB 132dB 6.5 Creedmoor 143gr ELD-X 22" 138dB 131dB .300 Wby Mag 180gr Weatherby Select Ultra High Vel.24" 144dB 136dB

Note: 7.62mm DA Dragoon has a 5/8X24 thread pitch and requires a barrel threaded for 5/8X24 to accommodate calibers less than .30 caliber.

Dragoon 7.62 QD (Quick Detach)

Item#	Caliber	Material	Size/Weight	Test Results - Mil-Std 1474D Test @ 1 Meter
D7Q	.22LR (Full Auto) FN 5.7 (Full Auto) 5.56mm (Limited Full Auto) .22-250 .308/7.62 NATO (Limited Full Auto) 6.5 Creedmoor .300 Wby Mag	6AL-4V Annealed Ti Compression Bushing -Brass QD Spring - Stainless	Lngth. 9.5" Dia. 1.375" Wgt. 12.95 oz.	Caliber Bullet Wgt. Ammunition Barrel Lngth. Sound Pressure Left Ear .22LR 40gr CCI Std Velocity 20" 120dB FN 5.7 40gr FN SS197SR 10" 129dB 5.56 62gr M855 22" 133dB .300 Blk. Sub. 220gr Sig Sauer .300 Blk Subsonic 16" 124dB 122dB .308/7.62 NATO 175gr Fed .308 Gold Metal 20" 135dB 132dB 6.5 Creedmoor 143gr ELD-X 22" 138dB 131dB .300 Wby Mag 180gr Weatherby Select Ultra High Vel.24" 143dB 135dB

Dragoon 7.62 CQB DA (Direct Attach)

Item#	Caliber	Material	Size/Weight	Test Results - Mil-Std 1474D Test @ 1 Meter
D7CD	.22LR (Full Auto) FN 5.7 (Full Auto) 5.56mm (Limited Full Auto) .22-250 .308/7.62 NATO (Limited Full Auto) 6.5 Creedmoor	6AL-4V Annealed Ti Compression Bushing -Brass QD Spring - Stainless	Lngth. 6.75" Dia. 1.375" Wgt. 9.2 oz.	Caliber Bullet Wgt. Ammunition Barrel Lngth. Sound Pressure Left Ear .22LR 40gr CCI Std Velocity 20" 120dB FN 5.7 40gr FN SS197SR 10" 129dB 5.56 62gr M855 22" 137dB .300 Blk. Sub. 220gr Sig Sauer .300 Blk Subsonic 16" 127dB 125dB .308/7.62 NATO 175gr Fed .308 Gold Metal 20" 138dB 132dB 6.5 Creedmoor 143gr Hornady ELD-X 22" 146dB 135dB

Dragoon 7.62 CQB QD (Quick Detach)

Item#	Caliber	Material	Size/Weight	Test Results - Mil-Std 1474D Test @ 1 Meter
D7C	.22LR (Full Auto) FN 5.7 (Full Auto) 5.56mm (Limited Full Auto) .22-250 .308/7.62 NATO (Limited Full Auto) 6.5 Creedmoor	6AL-4V Annealed Ti Compression Bushing -Brass QD Spring - Stainless	Lngth. 7.5" Dia. 1.375" Wgt. 11 oz.	Caliber Bullet Wgt. Ammunition Barrel Lngth. Sound Pressure Left Ear .22LR 40gr CCI Std Velocity 20" 120dB FN 5.7 40gr FN SS197SR 10" 129dB 5.56 62gr M855 22" 137dB .300 Blk. Sub. 220gr Sig Sauer .300 Blk Subsonic 16" 127dB 125dB .308/7.62 NATO 175gr Fed .308 Gold Metal 20" 138dB 132dB 6.5 Creedmoor 143gr Hornady ELD-X 22" 146dB 135dB

Note: Add color code suffix to Item numbers when ordering. See page 2 for instructions.

Dragoon® 350 QD Mini Suppressors

Features

- TBT technology for easy cleaning.
- GIT allows rotational orientation of baffles providing optimum sound reduction capabilities.
- QD design allows for one handed 2 second mounting/removal and achieves total repeatability of shot group.
- QD design and smallest suppressor diameter in the industry facilitates sliding under many metal firearm forends with short barrels for fast attachment without the need to remove the forend section.
- QD mounts, flash hider mounts, and muzzle brake mounts are available in M13.5X1LH, 1/2X28, 1/2X36, 5/8X24, and 9/16X24 threads.
- All mounts are Titanium adding to the unsurpassed light weight of the suppressor.
- Top rated sound reduction is achieved in the primary .350 Legend and 9mm calibers and very good performance in .300 Blackout.
- Extreme strength/durability derived from 100% Titanium construction.
- Field strip and assemble with standard tools.



Dragoon 350 QD

Dragoon 350 QD (Quick Detach)

Item# D350

Caliber

Optimized for rifles & pistols with braces chambered in 9mm and .350 Legend. Performs very well with .22LR and .300 Blackout also. Bonus, hearing safe on bolt action 5.56mm & .308Win rifles.

Material

6AL-4V Annealed Ti Compression Bushing -Brass QD Spring - Stainless

Size/Weight

Lngh. 8.0"
Dia. 1.375"
Wgt. 12.2 oz.



Test Results - Mil-Std 1474D Test @ 1 Meter

Caliber	Bullet Wgt.	Ammunition	Barrel Lngth.	Sound Pressure	Left Ear
.22LR	40gr	CCI Std Velocity	22"	120dB	121dB
.350 Legend	255gr	Winchester Subsonic	16"	133dB	131dB
.350 Legend	170gr	Hornady American Whitetail	16"	137dB	131dB
.350 Legend	255gr	Winchester Subsonic	10"	137dB	134dB
.350 Legend	170gr	Hornady American Whitetail	10"	143dB	138dB
.357Mag	158gr	Ammo Inc	17.5"	129dB	128dB
.300 Blkout.	125gr	Sig Sauer	16"	136dB	131dB
.300 Blkout.	220gr	Remington Subsonic	16"	130dB	127dB
.300 Blkout.	200gr	S&B Subsonic	7"	133dB	131dB
9mm	147gr	Winchester Train & Defend	6.75"	131dB	
9mm	165gr	Freedom Hush	6.75"	129dB	
9mm	147gr	Winchester Train & Defend	16"	121dB	
9mm	165gr	Freedom Hush	16"	118dB	
5.56mm	55gr	Federal AE223	22"	139dB	132dB
.308 Win	175gr	Federal Gold Metal Match	20"	143dB	134dB
6.5 CM	143gr	Hornady ELD-X	22"	145dB	139dB

Dragoon® .450 Bushmaster Rifle Suppressor

Features

- TBT technology for easy cleaning.
- Patented GIT baffles are configurable by operator. (For pistol calibers only).
- Rated for a long list of Bolt Action calibers .22LR thru .450B caliber.
- Brakethrough dB Reduction in .450B, .458 SOCOM and 9mm Luger.
- Interchangeable direct thread barrel mounts can be tightened/removed with standard sockets.
- Extreme strength/durability derived from 100% Titanium construction.
- Field strip and assemble with standard tools.



Dragoon .450

Dragoon 450 B (Direct Attach)

Item# D450B

Caliber

.22LR (Full Auto)
All Rimfire
All Centerfire Rifles chambered in Pistol .45 diameter or smaller
(Full Auto for 9mm and 45ACP)
.300 Black Out (Subsonic & Supersonic)
.308 Win bolt action
6.5 Creedmoor
.450 Bushmaster bolt action & Semiautomatic
.458 SOCOM bolt action
.45-70 Gov't.

Material

6AL-4V Annealed Ti GR9 Ti Tube

Size/Weight

Lngh. 10.375"
Dia. 1.375"
Wgt.* 11.8oz. to12oz.

*Depending on mount used

Test Results - Mil-Std 1474D Test @ 1 Meter

Caliber	Bullet Wgt.	Ammunition	Barrel Lngth.	Sound Pressure	Left Ear
9mm	147gr	FMJ Armscor	16"	121dB	
.300 Blk Subsonic	220gr	Sig Sauer	16"	124dB	
.300 Blk Supersonic	120gr	Sig Sauer	16"	134dB	
.308 Win	175gr	Federal Gold Metal	20"	141dB	135dB
.350 Legend	180gr	Federal	16"	139dB	136dB
.357Mag	158gr	Ammo Inc	17.5"	131dB	128dB
.458 SOCOM Subsonic	500gr	Barnes	16"	133dB	
.458 SOCOM Supersonic	250gr	Barnes TSX	16"	139dB	
.450 Bushmaster	250gr	Hornady FTX	16"	138dB	133dB
6.5 Creedmoor	143gr	Hornady ELD-X	22"	143dB	136dB
.45-70 Gov't.	300gr	Fiocchi Field	19.8"	144dB	138dB
.45-70 Gov't.	410gr	Hornady Subsonic	19.8"	134dB	130dB

Note: Add color code suffix to Item numbers when ordering. See page 2 for instructions.

Dragoon® .338 QD Rifle Suppressor

Features

- TBT technology for easy cleaning.
- Rated from .22LR thru .338 caliber.
- Top-rated sound reduction is achieved across the entire caliber range.
- Proprietary flash hider/QD mounts creates rock solid, fast and light weight (Titanium) lock-up.
- QD models include a robust titanium mounting system using proprietary titanium flash hider/ QD mounts allowing for one handed install and removal in 2 seconds.
- Proprietary titanium flash hider/QD mount creates a fast, rock solid, and light weight lock up.
- QD mounts and muzzle brake mounts are available in 1/2X28, 5/8X24, 3/4X24, M18X1.5, and M18X1 threads.
- Extreme strength/durability derived from 100% Titanium construction.
- Field strip and assemble with standard tools.

Dragoon® 500 QD Rifle Suppressor

Features

- TBT technology for easy cleaning.
- QD models include a robust titanium mounting system using proprietary titanium flash hider/ QD mounts allowing for one handed install and removal in 2 seconds.
- Proprietary titanium flash hider/QD mount creates a fast, rock solid, and light weight lock up.
- Supports .22LR thru .500 Auto Max cartridges.
- QD mounts, flash hider mounts, and muzzle brake mounts are available in 1/2X28, 5/8X24, 3/4X24, 3/4X28, 49/64X20 RH, M18X1.5, and M18X1 threads.
- Extreme strength/durability derived from 100% Titanium construction.
- Field strip and assemble with standard tools.

Dragoon 338 QD



Dragoon 500 QD



Dragoon 338 QD (Quick Detach)

Item#	Caliber	Material	Size/Weight
D338	All rifle calibers from .22LR thru .338 Lapua Magnum	6AL-4V Annealed Ti Compression Bushing- Brass QD Spring - Stainless	Lngth. 9.5" Dia. 1.75" Wgt. Suppressor: 19.5 oz. 5/8x24 Brake Mount: 2.59 oz. 5/8x24 Mount: 1.98 oz.

Test Results - Mil-Std 1474D Test @ 1 Meter

Caliber	Bullet Wgt.	Ammunition	Barrel Lgth.	Sound Pressure	Left Ear
.22LR Std Vel	40gr	CCI Std. Velocity	20"	115dB	
.5.56 NATO	62gr	PMC 5.56mm	22"	134dB	125dB
.22-250 Rem	55gr	Federal SP	22"	135dB	127dB
.300 Blackout Sub	220gr	Sig Sauer .300 Blk	16"	123dB	118dB
6.5 Creedmoor	140gr	American Eagle	22"	137dB	129dB
.308 Win	168gr	Fed. Gold Medal Match	20"	136dB	128dB
.300 Weatherby Mag	180gr	Weatherby Select Ultra High Velocity	24"	142dB	128dB
.338 Lapua	250gr	Sellier & Bellot	24"	138dB	134dB
.350 Legend	180gr	Federal	16"	136dB	131dB

Dragoon QD .500

Item#	Caliber	Material	Length	Dia.	Weight
D50	.500	6AL-4V Annealed Titanium	11.5"	1.75"	21.5oz



Test Results - Mil-Std 1474D Test @ 1 Meter

Caliber	Bullet Wgt.	Firearm	Ammunition	Barrel Lngth.	Muzzle	Left Ear
.500 S&W	350gr	BHA Model 89	HSM	18"	142dB	138dB
.500 S&W	350gr	BHA Model 89	Pete's Guns Subsonic**	18"	124dB	
.50 Beowulf	350gr	AR	Alexander Arms	18.5"	142dB	139dB
.50 Beowulf	350gr	AR	Custom Subsonic*	18.5"	134dB	126dB
.45-70 Gov't	405gr	Henry H010X	Winchester JHP	19.8"	140dB	135dB
.450 Bush	250gr	AR	Hornady FTX	21"	142dB	139dB
.338 Lap	250gr	Savage	American Eagle	28"	148dB	135dB
.308 Win	168gr	Savage	Winchester Match	20"	143dB	136dB
.223 Rem	55gr	Howa 1500	PMC Bronze FMJ	20"	136dB	134dB
6.5 Creedmoor	143gr	Remgt. 700	Hornady ELD-X	22"	142dB	136dB

*Custom Load: 350gr, 13.5gr Trail Boss Powder @990fps

** Custom Load: 350gr, 12.5gr Trail Boss Powder

Note: Add color code suffix to Item numbers when ordering. See page 2 for instructions.

Suppressor Accessories

Features

- All TiON QD mounts and flash hiders are Titanium construction adding to the strength and unsurpassed light weight of the suppressors.



Grenadier Titanium Piston & Mount Kits



Part No. Size

AGT528	.5 x 28 Titanium Piston
AGT536	.5 x 36 Titanium Piston
AGT578	.578 x 28 Titanium Piston
AGT13	13.5 x 1 Titanium Piston; Left Hand Mount
AGT14	14.5 x 1 Titanium Piston; Left Hand Mount
AGT916	9/16 x 24 Titanium Piston



Part No. Size

AGT16L	16 x 1 Titanium Piston; Left Hand Mount
AGT16R	16 x 1 Titanium Piston; Right Hand Mount
AGT625	.625 x 32 Titanium Piston
AGT58	5/8 x 24 Titanium Piston
AGTSPACER	Fixed Mount MG Rifle Spacer
3LKB	3 Lug Mount Kit for H&K (Black)

Dragoon QD Mini Muzzle Brakes



Part No. Size

MBM556528	1/2 x 28 5.56 Mini Muzzle Brake
MBM7625824	5/8 x 24 7.62 Mini Muzzle Brake
MBM9528	1/2 x 28 9mm Mini Muzzle Brake
MBM95824	5/8 x 24 9mm Mini Muzzle Brake

Dragoon 5.56 QD Mounts



Part No. Size

MB5x28	1/2 x 28 Muzzle Brake
FH5x28	1/2 x 28 Flash Hider
MT5x28	1/2 x 28 Mount*

* MT5x28 can also be used with any Dragoon QD Mini

Dragoon 7.62 QD Mounts



Part No. Size

MB58x24	5/8 x 24 Muzzle Brake
FH58x24	5/8 x 24 Flash Hider
FH58x24T	5/8 x 24 Tooth Flash Hider
MT58x24	5/8 x 24 Mount**
MT96x24	9/16 x 24 Mount**
MB762528	1/2 x 28 Muzzle Brake

(These mounts are also available for use with the Dragoon .350)

**May also be used with D7QM and D9QM.

Note: ALL Dragoon QD models, a mount of your choice is included.

Dragoon .350 QD Mounts



Part No. Size

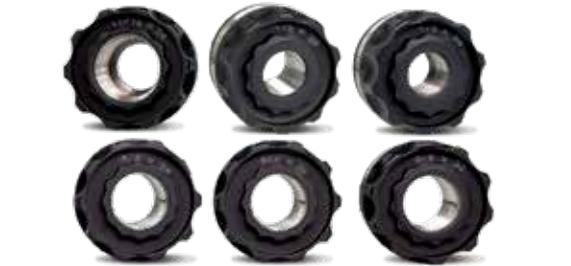
FH13	13.5 x 1 LHM Flash Hider
FH536	1/2 x 36 Flash Hider
FH528	1/2 x 28 Flash Hider
MT13	13.5 x 1 LHM Mount**
MT536	1/2 x 36 Mount**
MB350528	1/2 x 28 Muzzle Brake
MB3505824	5/8 x 24 Muzzle Brake

(Additional 6 Mounts Available - See Dragoon 7.62 QD shown at left)

**May also be used with D7QM and D9QM.



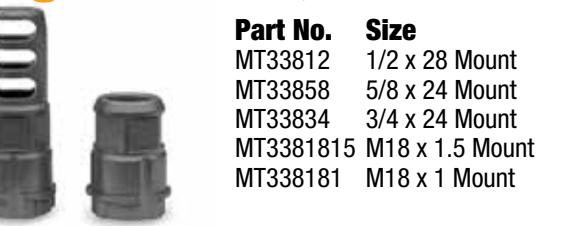
Dragoon .450B Mounts



Part No. Size

AD41116	11/16 x 24 Mount
AD45832	5/8 x 32 Mount
AD45824	5/8 x 24 Mount
AD4528	1/2 x 28 Mount
AD4536	1/2 x 36 Mount
AD4528	.578 x 28 Mount

Dragoon .338 QD Mounts & Muzzle Brakes



Part No. Size

MT33812	1/2 x 28 Mount
MT33858	5/8 x 24 Mount
MT33834	3/4 x 24 Mount
MT3381815	M18 x 1.5 Mount
MT338181	M18 x 1 Mount

MB33812	1/2 x 28 Muzzle Brake
MB33858	5/8 x 24 Muzzle Brake
MB33834	3/4 x 24 Muzzle Brake
MB3381815	M18 x 1.5 Muzzle Brake
MB338181	M18 x 1 Muzzle Brake

(These mounts are also available for use with the Dragoon .500 QD)

Dragoon .500 QD Mounts & Muzzle Brakes



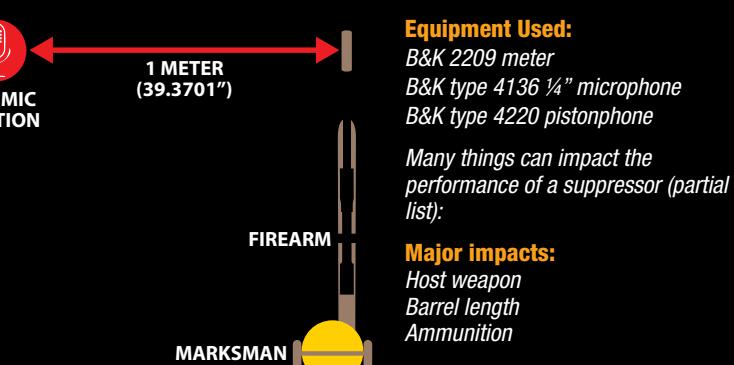
Part No. Size

MT501116	11/16 x 24 Mount
MT503428	3/4 x 28 Mount
MT504964	49/64 x 20 Mount
MB503424	3/4 x 24 Muzzle Brake
MB503428	3/4 x 28 Muzzle Brake

MB504964	49/64 x 20 Muzzle Brake
FH503424	3/4 x 24 Flash Hider
MT503428	3/4 x 28 Flash Hider
MB504964	49/64 x 20 Flash Hider
MB503428	3/4 x 28 Muzzle Brake

(Additional 10 Mounts Available - See Dragoon .338 QD shown above)

(Suppressor accessory photos shown left and right are typical representations of accessory designs and are not shown to scale)



Many things can impact the performance of a suppressor (partial list):

Major impacts:
Host weapon
Barrel length
Ammunition

Minor impacts:
Temperature
Humidity
Local atmospheric pressure
Wind direction & velocity



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