

FREQUENTLY ASKED QUESTIONS

- **Does a suppressor reduce or change the velocity of the ammunition fired?**
Yes, but only about +/- 5 m/s, which is negligible concerning external and terminal ballistics.
- **When firing a suppressor I have noticed that my groups will shift. Why?**
This is caused by the weight of the suppressor on the barrel. There is a trade off one must make between weight of a suppressor and its service life. However, many shooters will notice increased accuracy due to lower muzzle blast and recoil.
- **What is the recommended thread I should have cut on my rifle?**
Well, this varies from rifle and caliber but we can recommend*:

.22 IfB/.22 LR	1/2 x 20G
≤ 6.2 mm / .243"	1/2 x 20G
≤ 8.2 mm / .320"	≥ M14 x 1
≤ 9.5 mm / .375"	≥ M15 x 1

* Virtually any thread sizes and adapters are available upon request.

- **Does a suppressor make my gun dirtier?**
If the weapon is a semi-automatic weapon there will be a slightly greater buildup of carbon. This is easily rectified by a normal cleaning.
- **Why are B&T's military suppressors more expensive than the civilian suppressors?**
The materials used in B&T military suppressors are INCONEL® and Thermax®. These materials are much more expensive and more difficult to machine than the one used in the hunting line. This is because the energy and temperature a suppressor that is designed for full automatic use is far greater.

Considering a civilian suppressor for a bolt action or semi-automatic weapon will never get that much abuse, B&T uses other alloys that are more economical to produce. However, the same military standard technology and experience are put into each suppressor B&T produces.

- **Do I need to load special ammunition in my weapon to use a suppressor?**
No, but the shooter will find the sound reduction is much better if subsonic ammunition is used. Sub-sonic ammunition is ammunition that is loaded to velocity lower than the speed of sound (< 330 m/s). Certain calibers are inherently subsonic with most factory loads, such as .300 Whisper. For others, subsonic factory ammunition is readily available. These include .308 Win. and .22 LR.
- **Will a suppressor make a firearm totally silent?**
No, but the right suppressor on the right weapon with the right ammunition will reduce the sound of the report a great deal. There are other sounds to be considered as well such as the sound of the bolt, shell casings and the sonic crack of high velocity ammunition.
- **How loud or quiet do suppressors have to be?**
The goal of using a suppressor is to get below 140 dB in sound pressure level which is the threshold of pain and damage, but of course the less noise the better.
- **How do I know the thread on my suppressor?**
B&T suppressors have the thread and caliber laser engraved on to the suppressor and the adapter that actually threads onto the rifle barrel.
- **Can I mount the Tiger .22 LR Suppressor on a pistol?**
Yes, it will work very well.

HUNTING SUPPRESSORS

The Tiger and Monoblock line of civilian suppressors

B&T has acquired great experience and knowledge over the last twenty-six years by supplying suppressors to most of Europe's small arms producers, police agencies, secret services and militaries. This know-how has been incorporated into our suppressor program tailored for hunters and sport shooters.



B&T AG
P.O. Box 174
3608 Thun / Switzerland
Tel. +41 33 334 67 00
www.bt-ag.ch
info@bt-ag.ch

Tiger vs Monoblock suppressors

The requirements are different for hunters and sport shooters than for military customers. That is why B&T offers two lines of suppressors expressly for hunting and sport shooting.

The Tiger line is designed to be as small as possible in length and diameter while still providing excellent sound reduction. This is for those who hunt from confined spaces of a raised blind or prefer using open sights. The Monoblock line on the other hand is for those hunters/shooters which strive for maximum sound reduction and are willing to accept a slightly larger suppressor on their rifle. Both lines incorporate the same high-end suppression technology that B&T uses in its military line of suppressors, making the Tiger as well as the Monoblock the best in its class when it comes to sound reduction.

Highly adaptable – the user can easily use the both suppressors on different rifles within its particular caliber group. For example, this will give the user of a 7 x 64 mm rifle as well as a .30-06 with different muzzle treads the capability to use one suppressor on both weapons. Instead of buying two suppressors, the user can use the Tiger or Monoblock $\leq 8,2$ mm on both rifles by just changing the inexpensive thread adapter.

Tiger



Calibers:	≤ 6.2 mm / .243"	≤ 8.2 mm / .323"	≤ 9.5 mm / .375"	.22 lfb/.22 LR
Length:	157 mm	198 mm	221 mm	152 mm
Diameter:	40 mm	40 mm	40 mm	30 mm
Weight:	ca. 280 grams	ca. 340 grams	ca. 380 grams	ca. 100 grams
Thread:	M10, M14, M15, M16, M17, M18 (x 1) / M20 x 1.5 / 1/2 x 20, 1/2 x 28, 5/8 x 24 UNEF. Other threads on request.			
Reduction:	ca. 25.4 dB	ca. 25.6 dB	ca. 26.4 dB	ca. 28 dB
Color:	Black	Black	Black	Black
Material:	Aluminium	Aluminium	Aluminium	Aluminium
Part number:	SD-988166	SD-988167	SD-988168	SD-988001-2

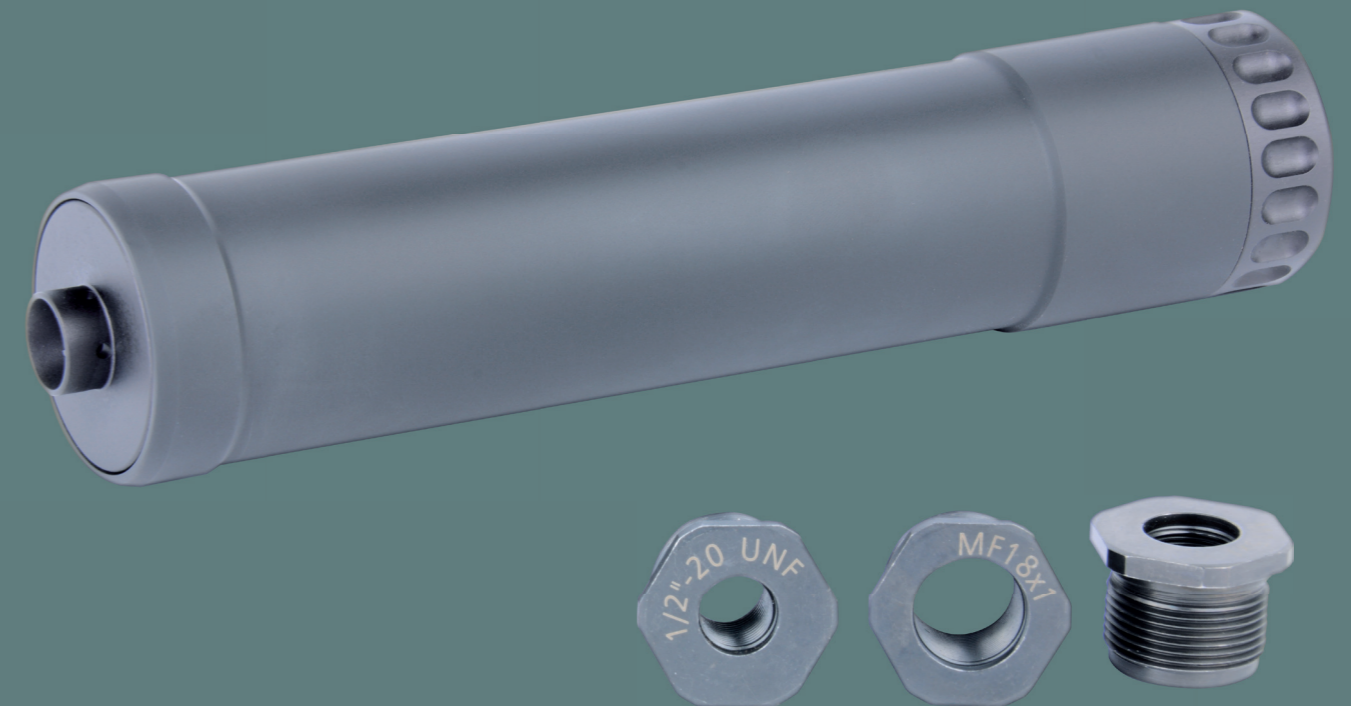
Benefits of B&T suppressors

A suppressor brings many benefits to the civilian sport shooter and hunter. These are:

- Reduction of noise pollution and respect of the environment.
- Minimizes the distress to game
- The ability to communicate clearly and safely with others when on the range or in the field
- Tighter shot groups
- Less stress on hunting dogs and reduction of hearing loss
- Reduced recoil, muzzle blast and muzzle flash
- Preserves hearing of the shooter and bystanders.

Reduction in shooter hearing loss: This is probably the most important reason to have a suppressor on any firearm. The human ear can begin to lose its auditory efficiency after only a single exposure to any sound over 137 dB. The average noise made by a .30-06 with a 23 inch (58 cm) barrel can easily exceed 160 dB.

Monoblock



Calibers:	≤ 6.2 mm / .243"	≤ 8.2 mm / .323"	≤ 9.5 mm / .375"
Length:	239 mm	239 mm	239 mm
Diameter:	50 mm	50 mm	50 mm
Weight:	ca. 520 grams	ca. 530 grams	ca. 540 grams
Thread:	M10, M14, M15, M16, M17, M18 (x 1) / M20 x 1.5 / 1/2 x 20, 1/2 x 28, 5/8 x 24 UNEF. Other threads on request.		
Reduction:	31 dB	29 dB	27 dB
Color:	Black	Black	Black
Material:	Aluminium/Steel	Aluminium/Steel	Aluminium/Steel
Part number:	SD-988316-1	SD-988316-2	SD-988316-3