

HAUSKEN
LYDDEMPER

EN ROUTE
ON QUIET
FEET.

HAUSKEN SILENCERS



MASTER THE POWER OF STILLNESS

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HAUSKEN

LYDDEMPER

HAUSKEN has specialised in the **development** and **production** of high quality silencers since **1992**. The manufacturer therefore possesses more than **thirty years of experience** in sound mechanics. The silencers are crafted on state-of-the-art machinery. All parts are **hard anodized** for maximum durability. The **sophisticated engineering, precise manufacturing** and premium materials guarantee **maximised sound attenuation** with consistently **lightweight designs** and **compact dimensions**.



POWER OF STILLNESS

More accurate shots, reliable hits, humane hunting. **Because HAUSKEN.**

The benefits are plain to see. Using a silencer has the following advantages:

NOISE REDUCTION

The silencer deflects, slows down and cools the powder gases emerging from the muzzle. This prevents an abrupt relaxation of the gases, which reduces the muzzle blast.



IMPROVED ACCURACY

A silencer is, in principle, nothing other than a meticulously engineered, enclosed muzzle brake. Silencers also reduce turbulence that might otherwise detract from the bullet's accuracy.



LOW RECOIL

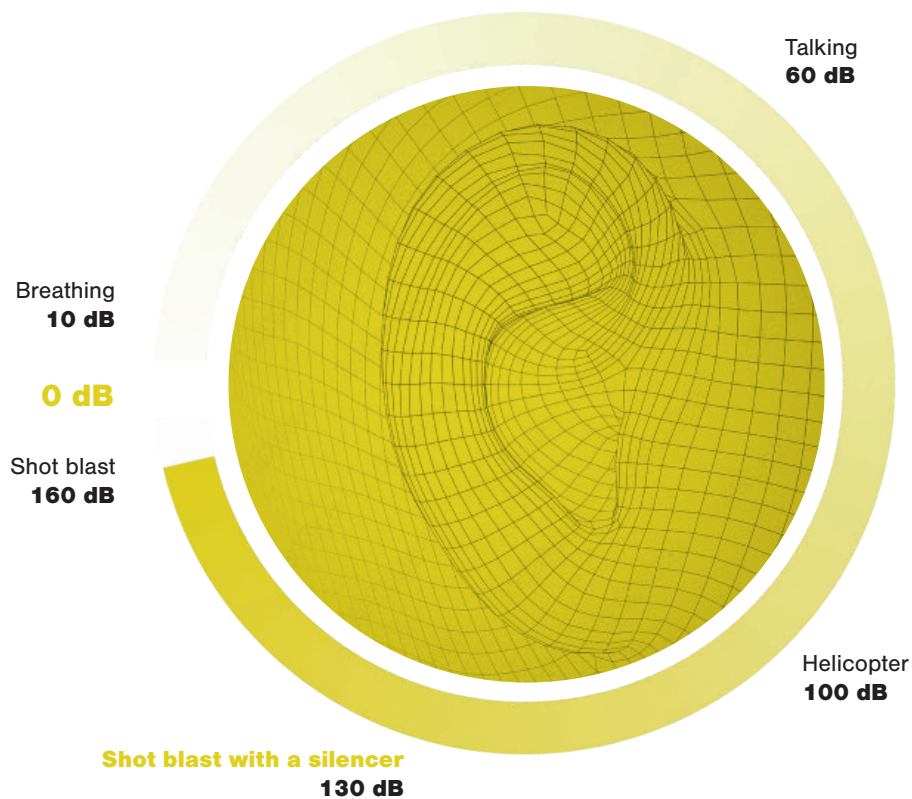
Besides noise reduction, ensuring a gentler recoil is the silencer's biggest benefit. The gases surging down the barrel are directed against the silencer baffles. This eases the firearm's recoil. Muzzle rise is reduced significantly as well.



NO MUZZLE FLASH

The muzzle flash is kept tucked away inside the silencer. This eliminates any burst of light when shooting in twilight or at night.





THE SOUND PRESSURE LEVEL

increases drastically (exponentially), and a reduction of just a few dB makes a big difference. The decibel (dB), as a unit of measurement, was named after Alexander Graham Bell. He developed the telephone to market maturity in the late 19th century. Decibels were initially used to quantify signal loss in a telephone connection. The unit is now used to express sound pressure levels and as a reference to sound pressure, for example in electrical devices. A sound pressure level of between 130-140 dB is described as the 'pain threshold'.

Common large-calibre hunting cartridges produce sound pressure levels of 160 dB even one metre after the muzzle. The larger the projectile diameter, the higher the measured peak sound pressure levels. In other words: a single shot can seriously damage a person's hearing, especially if they are not wearing suitable protection. Good silencers lower the sound pressure level acting on the ear to below 140 dB. This significantly reduces potential hearing damage, as the level is cut to below the pain threshold.

LET'S TALK ABOUT ...

THE TECHNICAL BACKGROUND

Agricultural machinery mechanic: He embarked on an apprenticeship in 1976 and worked at a local agricultural machinery maintenance and repair company until he started his own business in 1992. Self-employed in the servicing of agricultural and industrial machinery until 1992, he started his own company called Hausken Landbruksservice in February 1995. He also produced silencers on the side and as part of the company portfolio. Later, in 2004, he established the first company specialised in silencers, which gradually evolved into today's Hausken Lyddemper AS. He began designing and manufacturing prototype silencers for personal use in 1990.

THE HUNTING BACKGROUND

His interest in big game hunting began in 1988. Red deer have been his major passion ever since, although he occasionally hunts roe deer as well. He took out leases on numerous local hunting grounds. Active to this day, he now hunts mainly on his own land. Before switching to big game, he was a committed hunter of small game and wild birds from his early teenage years. Hunting, shooting and fishing have always interested him greatly.

FASCINATION: HUNTING

His interest began when he stopped fishing at sea. He needed a new hobby, and big game seemed like a logical progression from shooting and small game hunting. Today he is no longer quite so active as he used to be, but hunting and shooting remain natural parts of his family's life. Two of his sons-in-law are hunters, along with his oldest son. His brother is a hunter, along with many of his friends. It is a perfectly normal pastime in Norway, where people live in harmony with nature and can hunt close to their homes. He hunts for food and is equally keen to maintain a healthy local population that people can then encounter in the wild.

WHY SILENCERS?

The next logical step was to keep developing the product. With his background as a mechanic, he was accustomed to solving tricky problems – a useful skill when designing silencers. In addition, he completed his military service from 1977–78 (after he started working, so he was given 12 months' leave) and served in the Home Guard from 1980–2002. This gave him plenty of experience with firearms. He started developing silencers because he wanted one for himself and they were difficult to obtain.



H.P. Hausken

HP Hausken

Available silencers were heavy, added significant length to the barrel and, in his opinion, simply weren't up to the task. Driven by natural curiosity and his experience and interest in designing and making things, he started sifting through scrap metal to find the parts he needed to build his own silencer. His father Harald found it all very exciting. A bit of an inventor himself, he encouraged HP and helped him to build the first prototypes.

THE FIRST STEPS TO SUCCESS

The very first silencer was made of steel. The engineer welded various elements together to see if it was possible to build a functioning silencer with a rear expansion chamber that was not prohibitively long. Although too heavy, the silencer did work and therefore provided the proof of concept. He procured an aluminium core and tube and built a prototype. Shortly afterwards, he made the logical decision to drill perforations into the core, following the same pattern that is still found in today's HAUSKEN silencers.

THE XTRM ADD-ON

After a few attempts, HP eventually found a design he was happy with. He then added a steel mesh and used it for hunting. The master was highly satisfied with his work – and with its effects. Even the first standard model ensured a very pleasing reduction in both noise and recoil. Additional integration of a steel mesh greatly improved attenuation and delivered a quite audible difference in the shot discharge. And the combination of aluminium and steel was still light and easy to handle. HP finally sent the innovative device to a Norwegian hunting journalist, Jørund Lien, for review and received a good rating. This encouraged HP, and he soon realised that there was a market, albeit a limited one.

WHAT IS HIS PERSONAL VIEW OF SILENCERS AND THEIR USE?

HP is particularly pleased with the versatile JAKT series. All his work and experience has created an outstanding product that is engineered as simply as possible, made of suitable materials and does the job for which it was designed. Firstly his silencer protects the shooter's hearing and secondly brings more stability and calm to the whole shooting experience.

SILENCERS

HAUSKEN
LYDDEMPER
JAKT JD184 XTRM MK
Maximum projectile diameter
7,65mm - Cal. 30 / 300 / 308
EPA 1,22, 22, 18421



SILENCERS use a variety of principles that affect muzzle blast in several stages. On the one hand, gas pressure is relieved and the temperature lowered. The internal design also creates turbulence in the flow of gas. On the other hand, the add-on reduces the velocity of the gas flow, ultimately modulating the shot's frequency. The aim in this regard is to reduce the gas pressure at the muzzle and the gas pressure level. So silencers definitely involve a lot of physics. The device must be able to withstand the pressure, high temperatures and pulses at all times. For this reason, they are generally crafted from metals or metals with corrosion-resistant special alloys. Steel, aluminium and titanium have proven particularly durable in a market comparison, depending on the intended use.

THE DESIGN PRINCIPLE for a silencer is based on a tube. It is attached close to the muzzle using a special thread or slipped over the barrel. There is a bore to allow the bullet to pass at the opposite 'exit end'. The purpose of the silencer body volume is to lower the gas pressure – because the higher the volume of the tube, the more the gases will expand inside. Generally speaking, silencers are twenty to thirty times longer than the cartridge calibre. The diameter is around two to five times wider. The bore diameter at the exit bore should be 1.25 times the bullet calibre.

THE SERVICE LIFE of silencers is difficult to predict. It depends on a wide variety of factors such as material, muzzle pressure, the use of cartridges that produce high gas pressure, design and frequency of fast bursts of fire; all these factors may affect the service life. Significant strain on the baffles and high temperatures will usually expose the silencer to considerable stress. Aluminium models will have a service life of many hundred to several thousand shots, depending on the preferences and behaviour of the hunter or athlete.

ON-BARREL: simpler designs, in which the silencer is attached to the end of the barrel using a thread, adding to its overall length. This shifts the firearm's centre of gravity forwards, which is beneficial with shorter barrels. The total length increases considerably. But the clear advantage is simple mounting, provided the thread size is adapted with foresight. In addition, open sights can remain mounted in most cases.



OVER-BARREL: they have a more elaborate design and are, as it were, slipped over the barrel. The increase in the firearm's total length is therefore less pronounced compared to on-barrel models. Only part of the silencer is in front of the muzzle. In these models, suitable baffles divert a substantial part of the gas flow exiting the muzzle back to an expansion chamber enclosing the barrel.

WHEN SELECTING a silencer, it is important to try and maintain a short to moderate protrusion beyond the end of the barrel. The larger the protrusion, the further the exit bore – as the source of the muzzle blast – will be from the shooter's ear. But the silencer should not be slipped too far over the firearm, as this impairs its function and handling, for instance because expansion takes place too close to the shooter's ear. Striking a good balance is therefore imperative.

PLEASE NOTE: Silencers may only be mounted on firearms if the exit bores are large enough for the calibre. To keep noise as low as possible, it is advisable to select cartridges that combine the smallest possible bullet diameter (= smaller exit bore) with the smallest possible case volume.



HAUSKEN XTRM MESH

The HAUSKEN steel mesh that is wrapped around the core reduces the muzzle blast by another 3-7 dB.



JAKT (JD)



JAKT LITE (JD...L)



JAKT XTRM (JD...X)



JAKT LITE XTRM (JD...LX)



FOR SUCCESSFUL HUNTING



JAKT SUPER KOMPAKT (SK)



JAKT SUPER KOMPAKT XTRM (SK...X)



JAKT WHISPER (WD60)



JAKT WHISPER XTRM (WD60X)



The **XTRM** steel mesh also guarantees significantly greater sound attenuation. The human ear perceives a change in sound pressure level by 6 dB as either twice or half as loud.

JAKT

FOR VERSATILE HUNTING



JAKT JD224

Quiet, light, compact! Maximum attenuation and functionality, combined with **handy dimensions**. The **HAUSKEN JD224** ticks these boxes with its just **50 mm** diameter and a weight of only **300 g**.

Optimised with an additional **XTRM steel mesh**, the **JD224X TRM** catches the eye with its **improved attenuation of 3–7 dB**. Here as well, the **over-barrel design** extends the firearm by just 14 cm. Weighing just **380 g**, this lightweight silencer is also suitable for **magnum calibres** and **faster burst of fire** thanks to its **high-alloy aluminium** and successful combination with the **XTRM steel mesh**.



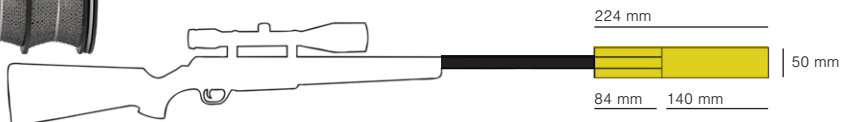
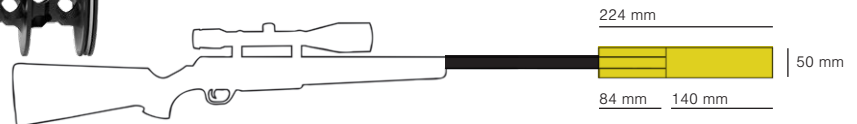
JAKT JD224 MKII

<i>Total length</i>	224 mm
<i>External Ø</i>	50 mm
<i>Thread</i>	18 x 1
<i>Max. bullet Ø</i>	up to .375 (9.5 mm)
Attenuation	approx. 31+ dB



JAKT JD224 XTRM MKII

<i>Total length</i>	224 mm
<i>External Ø</i>	50 mm
<i>Thread</i>	18 x 1
<i>Max. bullet Ø</i>	up to .375 (9.5 mm)
Attenuation	approx. 34+ dB





LITE

ELEGANT DESIGN MEETS LIGHTNESS



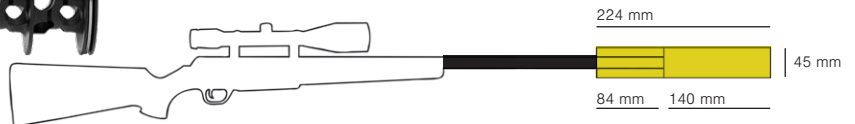
JAKT JD224 LITE XTRM

Leaner, lighter and effective! Outstanding attenuation combined with a **narrower and lighter JD224 look**. The HAUSKEN **JD224 LITE XTRM** ticks all these boxes with its 45 mm diameter and 330 g in weight. Although this JAKT model delivers the same attenuation as the larger JD224X, the sleeker silencer is particularly suitable **for calibres** with a **lower shell volume such as the 6.5x57 and the .308 Win**, unlike its bigger brother. The **JAKT LITE variant is not available in different colours**. The silencer is **not suitable for guns with open sights due to its over-barrel design**. Maximum external barrel diameter **23 mm**.



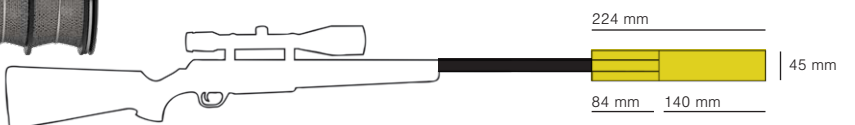
JAKT JD224 LITE MKII

Total length	224 mm
External Ø	45 mm
Thread	18 x 1
Max. bullet Ø	up to .375 (9.5 mm)
Attenuation	approx. 30+ dB



JAKT JD224 LITE XTRM MKII

Total length	224 mm
External Ø	45 mm
Thread	18 x 1
Max. bullet Ø	up to .375 (9.5 mm)
Attenuation	approx. 34+ dB



A PERSONAL TOUCH



JAKT: The **lightest** and **most innovative over-barrel** silencer, designed specifically for all **hunting scenarios** around the world. The **weight, length** and **effectiveness** of these models are ideally coordinated and perfectly matched with the needs of active hunters. Equipped with hard anodised **inner and outer tubes**, JAKT silencers are **especially durable**. The diameter of 50 mm achieves balanced silencing of up to **-34 dB**, while the rifle remains accurate and unbeatably easy to handle even when in motion. JAKT series models are available in a **variety of colours** to add a **personal touch** and **contemporary look**. Some models (JD151-224) come with additional **optional extras** to maximise personal effectiveness and experience.

JAKT JD151-224 silencers are **not suitable for guns with open sights**. The **maximum permissible external barrel diameter is 23 mm**. The sound pressure level reduction is between **25 and approx. 40 dB**, depending on the total length of the device.



JAKT JD224

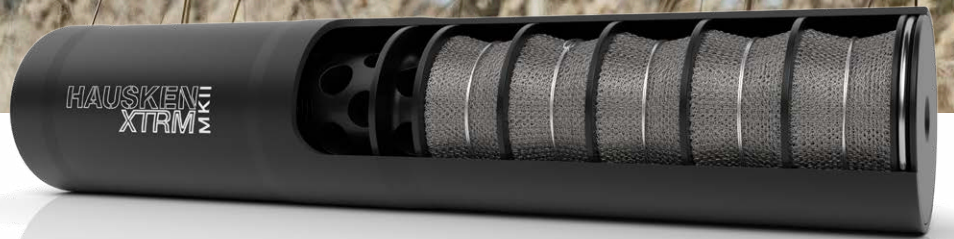
	4.50 mm - cal. .17/4.5	5.70 mm - cal. .22/223/5.6	6.20 mm - cal. .243/6 mm	6.80 mm - cal. .260/6.5	7.25 mm - cal. .280/7 mm	7.85 mm - cal. .30/300/308	8.25 mm - cal. 8 mmS	8.65 mm - cal. .338	9.30 mm - cal. .360/9,3	9.55 mm - cal. .375	11.50 mm - cal. .416/44/45/10,3
JD151 black	1511501010100	1511502010100	1511503010100	1511504010100	1511505010100	1511506010100	1511507010100	1511508010100	1511509010100	1511510010100	1511514010100
JD151 green	1511501010400	1511502010400	1511503010400	1511504010400	1511505010400	1511506010400	1511507010400	1511508010400	1511509010400	1511510010400	1511514010400
JD151 orange	1511501010300	1511502010300	1511503010300	1511504010300	1511505010300	1511506010300	1511507010300	1511508010300	1511509010300	1511510010300	1511514010300
JD151 pink	1511501010200	1511502010200	1511503010200	1511504010200	1511505010200	1511506010200	1511507010200	1511508010200	1511509010200	1511510010200	1511514010200
JD184 black	1841501010100	1841502010100	1841503010100	1841504010100	1841505010100	1841506010100	1841507010100	1841508010100	1841509010100	1841510010100	1841514010100
JD184 orange	1841501010300	1841502010300	1841503010300	1841504010300	1841505010300	1841506010300	1841507010300	1841508010300	1841509010300	1841510010300	1841514010300
JD184 gold	1841501010600	1841502010600	1841503010600	1841504010600	1841505010600	1841506010600	1841507010600	1841508010600	1841509010600	1841510010600	1841514010600
JD184 green	1841501010400	1841502010400	1841503010400	1841504010400	1841505010400	1841506010400	1841507010400	1841508010400	1841509010400	1841510010400	1841514010400
JD184 blue	1841501010500	1841502010500	1841503010500	1841504010500	1841505010500	1841506010500	1841507010500	1841508010500	1841509010500	1841510010500	1841514010500
JD224 black	2241501010100	2241502010100	2241503010100	2241504010100	2241505010100	2241506010100	2241507010100	2241508010100	2241509010100	2241510010100	2241514010100
JD224 orange	2241501010300	2241502010300	2241503010300	2241504010300	2241505010300	2241506010300	2241507010300	2241508010300	2241509010300	2241510010300	2241514010300
JD224 pink	2241501010200	2241502010200	2241503010200	2241504010200	2241505010200	2241506010200	2241507010200	2241508010200	2241509010200	2241510010200	2241514010200
JD224 silver	2241501010700	2241502010700	2241503010700	2241504010700	2241505010700	2241506010700	2241507010700	2241508010700	2241509010700	2241510010700	2241514010700
JD224 gold	2241501010600	2241502010600	2241503010600	2241504010600	2241505010600	2241506010600	2241507010600	2241508010600	2241509010600	2241510010600	2241514010600
JD224L		2241402010100		2241405050100	2241405050100	2241406010100	2241407010100		2241409020100	2241410010100	

XTRM

WITH THE ADDED XTRM ATTENUATION



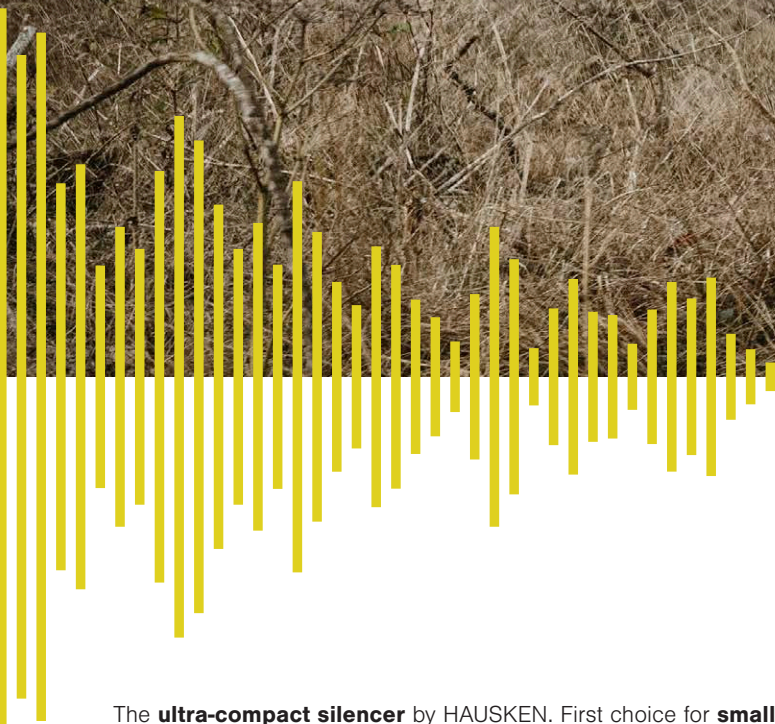
All COLOURED JAKT SILENCERS are also available ex works with the **XTRM steel mesh (JD151-224X)**. The XTRM system guarantees **reductions in sound in pressure levels by an additional 3-7 dB**. This is important, as a change in **sound pressure level of 6-10 dB is perceived as twice as loud or quiet!** By selecting a HAUSKEN XTRM variant, shooters can significantly protect their **own hearing**, as well as the hearing of an **accompanying dog and the entire hunting community**.



JAKT JD224 XTRM

	4.50 mm - cal. .17/4.5	5.70 mm - cal. .22/.223/5.6	6.20 mm - cal. .243/6 mm	6.80 mm - cal. .260/6.5	7.25 mm - cal. .280/7 mm	7.85 mm - cal. .30/.300/.308	8.25 mm - cal. 8 mmS	8.65 mm - cal. .338	9.30 mm - cal. .360/9.3	9.55 mm - cal. .375	11.50 mm - cal. .416/.44/.45/10.3
JD151X black	1512501010100	1512502010100	1512503010100	1512504010100	1512505010100	1512506010100	1512507010100	1512508010100	1512509010100	1512510010100	1512514010100
JD151X green	1512501010400	1512502010400	1512503010400	1512504010400	1512505010400	1512506010400	1512507010400	1512508010400	1512509010400	1512510010400	1512514010400
JD151X pink	1512501010200	1512502010200	1512503010200	1512504010200	1512505010200	1512506010200	1512507010200	1512508010200	1512509010200	1512510010200	1512514010200
JD184X black	1842501010100	1842502010100	1842503010100	1842504010100	1842505010100	1842506010100	1842507010100	1842508010100	1842509010100	1842510010100	1842514010100
JD184X gold	1842501010600	1842502010600	1842503010600	1842504010600	1842505010600	1842506010600	1842507010600	1842508010600	1842509010600	1842510010600	1842514010600
JD184X green	1842501010400	1842502010400	1842503010400	1842504010400	1842505010400	1842506010400	1842507010400	1842508010400	1842509010400	1842510010400	1842514010400
JD184X blue	1842501010500	1842502010500	1842503010500	1842504010500	1842505010500	1842506010500	1842507010500	1842508010500	1842509010500	1842510010500	1842514010500
JD224X black	2242501010100	2242502010100	2242503010100	2242504010100	2242505010100	2242506010100	2242507010100	2242508010100	2242509010100	2242510010100	2242514010100
JD224X pink	2242501010200	2242502010200	2242503010200	2242504010200	2242505010200	2242506010200	2242507010200	2242508010200	2242509010200	2242510010200	2242514010200
JD224X silver	2242501010700	2242502010700	2242503010700	2242504010700	2242505010700	2242506010700	2242507010700	2242508010700	2242509010700	2242510010700	2242514010700
JD224X gold	2242501010600	2242502010600	2242503010600	2242504010600	2242505010600	2242506010600	2242507010600	2242508010600	2242509010600	2242510010600	2242514010600
JD224LX		2242402010100		2242404010100	2242405050100	2242406010100	2241407010100		2242409020100	2242410010100	

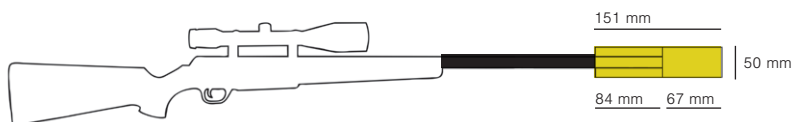
THE RIGHT LENGTH...



The **ultra-compact silencer** by HAUSKEN. First choice for **small arms** and **dog handlers**: The HAUSKEN **JAKT JD151 XTRM** is Hausken's most compact over-barrel silencer for **standard calibres**. The short **additional length of just 67 mm** makes this suppressor the **best option** for people who need to keep their firearms as agile as possible, even with a silencer fitted. Its **low weight** and **discrete extension** keeps the gun finely **balanced**. These are **crucial factors** for **lightweight rifles** in particular. The silencer is **not suitable for guns with open sights**. Maximum external barrel diameter **23 mm**.

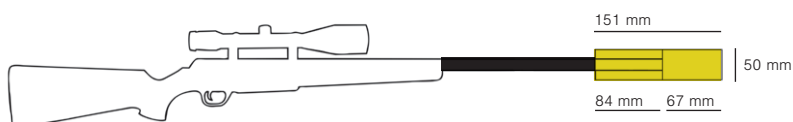
JAKT JD151 MKII

Total length 151 mm
External Ø 50 mm
Thread 18 x 1
Max. Bullet Ø up to .375 (9.5 mm)
Attenuation **approx. 23+ dB**



JAKT JD151 XTRM MKII

Total length 151 mm
External Ø 50 mm
Thread 18 x 1
Max. Bullet Ø up to .375 (9.5 mm)
Attenuation **approx. 25+ dB**



...FOR AN UNBEATABLE EFFECT

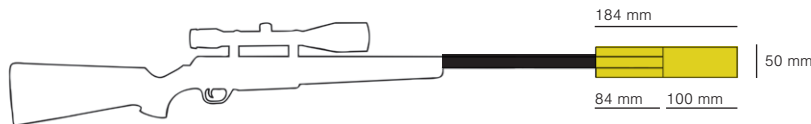


JAKT JD184 MKII

With its **over-barrel design**, the **HAUSKEN JAKT JD184** lengthens the firearm by only around **10 cm**. The JAKT JD184 delivers the **perfect balance** of attenuation, **weight and simple handling**. The silencer is **not suitable for guns with open sights**. Maximum external barrel diameter **23 mm**.

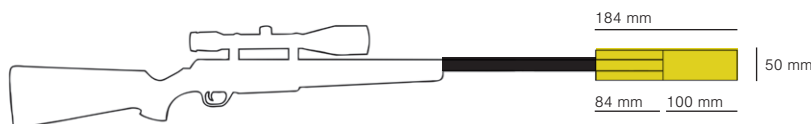
JAKT JD184 MKII

Total length	184 mm
External Ø	50 mm
Thread	18 x 1
Max. Bullet Ø	up to .375 (9.5 mm)
Attenuation	approx. 27+ dB



JAKT JD184 XTRM MKII

Total length	184 mm
External Ø	50 mm
Thread	18 x 1
Max. Bullet Ø	up to .375 (9.5 mm)
Attenuation	approx. 31+ dB



COMPACT TECHNOLOGY

FOR GUNS WITH OPEN SIGHTS



JAKT SK156

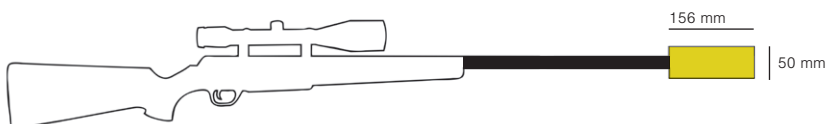
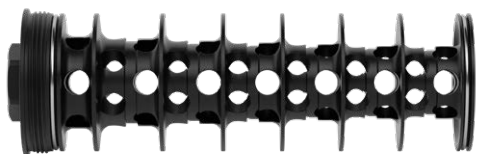
The **JAKT SUPER KOMPAKT** on-barrel silencer variant in the JAKT series enables you to **leave open sights** mounted on the long gun. So that you can remain **focused on what really matters**. **Six pressure distribution chambers** in front of the muzzle ensure excellent **attenuation of up to -29 dB** and **protect the shooter's hearing** and the hearing of their **companion** and an **accompanying dog** for **long-lasting success**. All of this with an **insignificant rifle extension** of just 156 mm.

JAKT SK156 MKII

Total length 156 mm
External Ø 50 mm
Thread 18 x 1
Max. Bullet Ø up to .375 (9.5 mm)
Attenuation approx. 28+ dB

JAKT SK156 XTRM MKII

Total length 156 mm
External Ø 50 mm
Thread 18 x 1
Max. Bullet Ø up to .375 (9.5 mm)
Attenuation approx. 29+ dB



PERFECT SYNERGY

OPTIMISED ATTENUATION



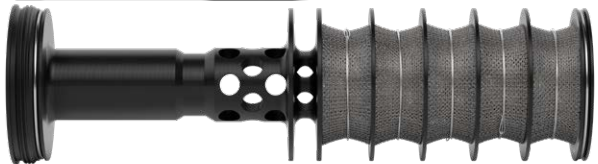
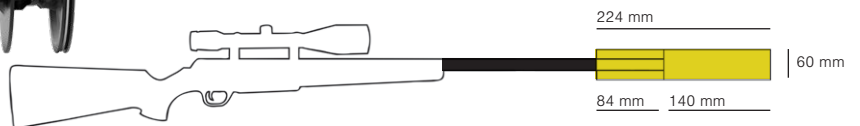
JAKT WD60

JAKT WHISPER is a **perfect symbiosis** of the **extremely popular and high-performance designs** – as **robust** as it is **agile**. The larger diameter of 60 mm, the low weight, the **over-barrel design** and the additional volume enable excellent, **enhanced effectiveness** of **up to -38 dB**. The design does not obstruct the scope. Hard anodised inner and outer tubes for outstanding durability. Suitable for rifles with a barrel diameter of up to 23 mm. **Six pressure distribution chambers** and the additional expansion chamber ensure **even pressure distribution** inside, therefore **eliminating muzzle flash from the shooting experience**. The perfect solution for all hunting scenarios, **even over longer distances**.



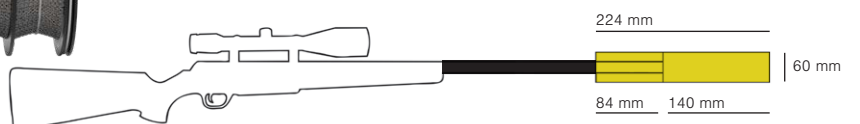
JAKT WD60 MKII

Total length	224 mm
External Ø	60 mm
Thread	18 x 1
Max. Bullet Ø	up to .375 (9.5 mm)
Attenuation	approx. 35+ dB



JAKT WD60 XTRM MKII

Total length	224 mm
External Ø	60 mm
Thread	18 x 1
Max. Bullet Ø	up to .375 (9.5 mm)
Attenuation	approx. 38+ dB



FOR THE LONGEST DISTANCES

WHISPER XTRM (WD...X)



WHISPER MEGA XTRM (WX)





	4.50 mm - cal. .17/4.5	5.70 mm - cal. .22/.223/5.6	6.20 mm - cal. .243/6 mm	6.80 mm - cal. .260/6.5	7.25 mm - cal. .280/7 mm	7.85 mm - cal. .30/.300/.308	8.25 mm - cal. 8 mmS	8.65 mm - cal. .338	9.30 mm - cal. .360/9.3	9.55 mm - cal. .375	11.50 mm - cal. .416/.44/.45/10.3
WD506X	5068702010100	5068703010100	5068704010100	5068705010100	5068706010100	5068707010100	5068708010100	5068709010100	5068710010100	5068714010100	5068715010100
WD456X	4568702010100	4568703010100	4568704010100	4568705010100	4568706010100	4568707010100	4568708010100	4568709010100	4568710010100	4568714010100	4568715010100
WD406X	4068702010100	4068703010100	4068704010100	4068705010100	4068706010100	4068707010100	4068708010100	4068709010100	4068710010100	4068714010100	4068715010100
WD365X	3568702010100	3568703010100	3568704010100	3568705010100	3568706010100	3568707010100	3568708010100	3568709010100	3568710010100	3568714010100	3568715010100
WD306X	3068702010100	3068703010100	3068704010100	3068705010100	3068706010100	3068707010100	3068708010100	3068709010100	3068710010100	3068714010100	3068715010100
WD228X	2288702010100	2288703010100	2288704010100	2288705010100	2288706010100	2288707010100	2288708010100	2288709010100	2288710010100	2288714010100	2288715020100

WX656	6569702010100	6569703010100	6569704010100	6569705010100	6569706010100	6569707010100	6569708010100	6569709010100	6569710010100	6569714010100	6569715010100
WX606	6069702010100	6069703010100	6069704010100	6069705010100	6069706010100	6069707010100	6069708010100	6069709010100	6069710010100	6069714010100	6069715010100
WX556	5569702010100	5569703010100	5569704010100	5569705010100	5569706010100	5569707010100	5569708010100	5569709010100	5569710010100	5569714010100	5569715010100
WX506	5069702010100	5069703010100	5069704010100	5069705010100	5069706010100	5069707010100	5069708010100	5069709010100	5069710010100	5069714010100	5069715010100
WX456	4569702010100	4569703010100	4569704010100	4569705010100	4569706010100	4569707010100	4569708010100	4569709010100	4569710010100	4569714010100	4569715010100

SK156	1561501010100	1561502010100	1561503010100	1561504010100	1561505010100	1561506010100	1561507010100	1561508010100	1561509010100	1561510010100	1561514010100
SK156X	1562501010100	1562502010100	1562503010100	1562504010100	1562505010100	1562506010100	1562507010100	1562508010100	1562509010100	1562510010100	1562514010100

WD60		2241602010100	2241603010100	2241604010100	2241605010100	2241606010100	2241607010100	2241608010100	2241609010100	2241610010100	2241614010100
WD60X		2242602010100	2242603010100	2242604010100	2242605010100	2242606010100	2242607010100	2242608010100	2242609010100	2242610010100	2242614010100

WHISPER XTRM

THE IDEAL BLEND OF FIREARM ENHANCEMENT
AND SOUND ATTENUATION

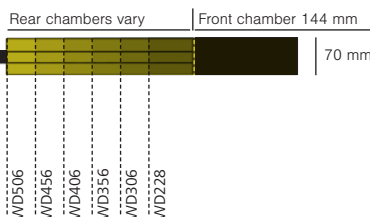


WHISPER WD406 XTRM

With a **diameter of 70 mm** and **six different lengths** from **228-506 mm**, the **WHISPER over-barrel** models deliver excellent attenuation of **up to -40 dB**. They are specifically engineering for **shooting over longer distances**. These models have sufficient space for **rifles with a barrel diameter of up to 30 mm**. The WHISPER series represents the **robust compromise** between extreme attenuation and – compared to the WHISPER MEGA XTRM – **less rifle extension of just 144 mm!**

PRODUCT LINE VARIANTS WD228X, WD306X, WD365X, WD406X, WD456X, WD506X

WHISPER XTRM WD228-506X MKII



Total length from 228 mm - 506 mm
External Ø 70 mm
Thread 24 x 1
Max. bullet Ø up to .375 (9.5 mm)
Attenuation approx. 37+ - 40+ dB*

MEGA XTRM

FOR LONG DISTANCES AND STRONG PERFORMANCES

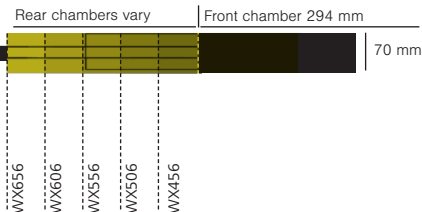
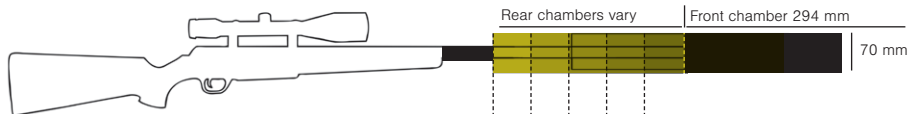


WHISPER WX606 MEGA XTRM

MEGA XTRM is an **upgrade of the WHISPER series**. With a **continuous steel mesh lining** in the twelve attenuation chambers, a **generous diameter of 70 mm**, **five total lengths** of 456-656 mm and pressure distribution chambers with a length of almost 300 mm in front of the muzzle, this design achieves **unparalleled attenuation** of up to **-43 dB**. Which absolutely justifies its powerful name: WHISPER MEGA XTRM. The **MEGA XTRM absorbs virtually all the noise** from the muzzle blast. This silencer is a **highly robust and durable silencer** which **tames even the heaviest magnum calibres** and is ideal for **absolutely accurate shooting, even at long ranges**.

PRODUCT LINE VARIANTS WX456, WX506, WX556, WX606, WX656

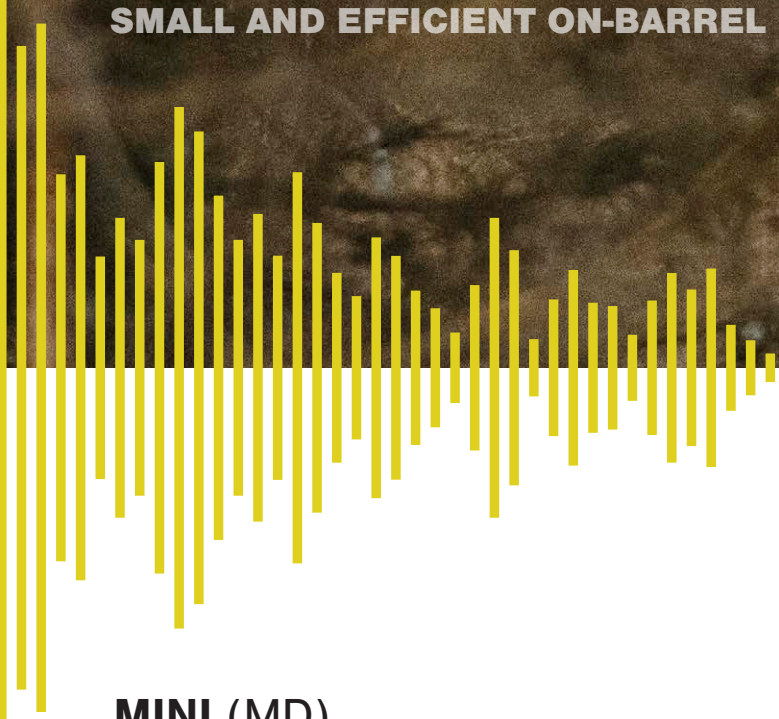
WHISPER MEGA XTRM WX456-656 MKII



Total length from 456 mm - 656mm
External Ø 70 mm
Thread 24 x 1
Max. Bullet Ø up to .375 (9.5 mm)
Attenuation approx. 41+ - 40+ dB*

MINI AND EFFICIENT

SMALL AND EFFICIENT ON-BARREL DESIGN



MINI (MD)



SMALL BUT EFFICIENT

With its diameters of **35 and 45 mm**, the MINI series is the smallest in HAUSKEN's portfolio of high-quality silencers. The **on-barrel design** for **open sights**, the compact and **lightweight engineering** make them **efficient companions**, even for very active use-cases. Despite the **minimal barrel extension of just 128 mm**, shooters benefit from a significantly reduced **muzzle blast volume of more than -22 dB**. Improved accuracy and a **high-quality technical experience are therefore guaranteed**. Protect Shield your ears and the hearing of your hunting team from painful noise levels.

	4.50 mm - cal. .17/4.5	5.70 mm - cal. .22/.223/5.6	6.20 mm - cal. .243/6 mm	6.80 mm - cal. .260/6.5	7.25 mm - cal. .280/7 mm	7.85 mm - cal. .30/.300/.308	8.25 mm - cal. 8 mmS	8.65 mm - cal. .338	9.30 mm - cal. .360/9.3	9.55 mm - cal. .375	11.50 mm - cal. .416/.44/.45/10.3
MD35	1283301010100	1283302010100									
MD45	1283401010100	1283402010100		1283404010100		1283406010100					

GENTLE TO THE EARS



MINI MD45

The **MD45** by HAUSKEN is an **ultra-compact silencer** for smallbore rifles with a bullet diameter of .17 to .22 and in the **faster .22-250 Remington calibre**. With its innovative technology, the muffler catches the eye thanks to its **outstanding attenuation**. This **HAUSKEN model is perfectly compatible with open sights**.

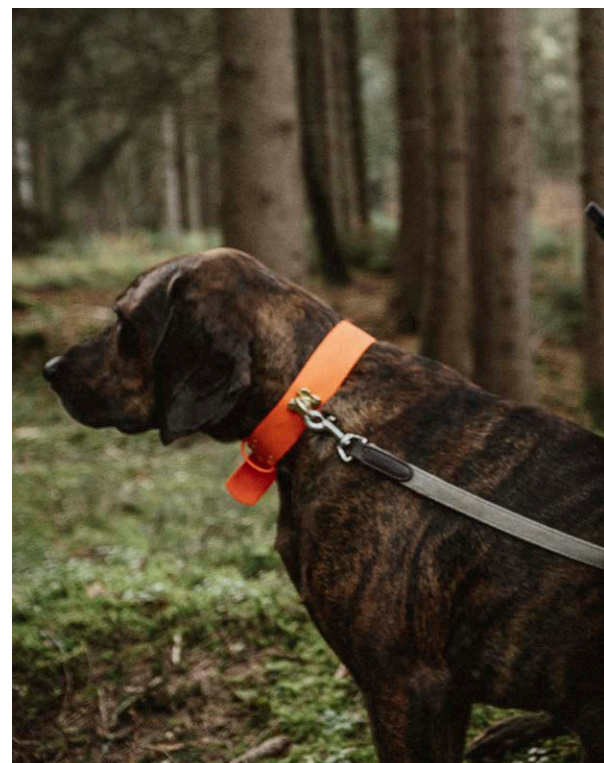
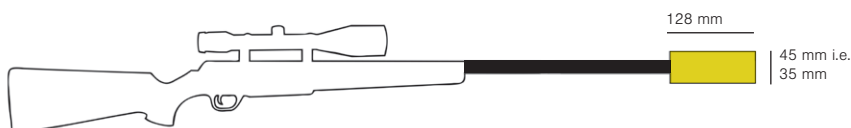


MINI MD45 MKII

Total length 128 mm
External Ø 45 mm
Thread 18 x 1
Max. Bullet Ø up to .30
Attenuation **approx. 22+ dB**

MINI MD35 MKII

Total length 128 mm
External Ø 35 mm
Thread 18 x 1
Max. Bullet Ø up to .22
Attenuation **approx. 20+ dB**



AMMUNITION

FOR SILENCERS AND SHORT BARRELS

Short, easily manageable barrels are very popular in the hunting community. Indeed, the trend has continued to gather pace as many federal states in Germany now permit hunting with silencers. But to stop the gun becoming too clumsy, hunters are increasingly ordering short barrels measuring between 420 and 550 mm. Watch out, though! The standard ammunition is designed for common barrel lengths of 600 mm. But the following problems occur if this ammunition is fired from shorter barrels: Loss of velocity and energy, reduced effective range, blinding muzzle flash, increased muzzle blast and accelerated silencer wear. This prompted RWS to develop a cartridge that is tailored specifically for use in short-barrelled rifles, without losing any performance – the Short Rifle cartridge.



DRIVEN HUNT



SPEED TIP PROFESSIONAL



HIT



EVOLUTION GREEN

Visit the RWS website to learn more about the available calibres: rws-ammunition.com



RWS has revolutionised the market for rifle cartridges with the SHORT RIFLE! Short Rifle's success on the hunting market is built on a specially adapted load with fast-burning powder, modified bullet weight and powerful primer. Engineered for shorter barrels, the cartridge comes with the following features:

REDUCED MUZZLE FLASH

The fast-burning powder significantly reduces both muzzle flash and blast in shorter barrels. Now you can keep sight of the target the instant the shot is fired, which is especially important when hunting in twilight or darkness.

FULL VELOCITY AND ENERGY

Thanks to its special formulation, the SHORT BARREL delivers full velocity and energy – even from short barrels. This means that you need not change your hunting tactics when it comes to a short barrel and that you can expect full game-taking power, even at long ranges.

INCREASED EFFECTIVE RANGE

Enhanced performance: The V0 for the RWS SHORT RIFLE HIT is around 9% above the average for barrel lengths from 400 to 600 mm. The E0 for the RWS SHORT RIFLE HIT is around 11 to 12% above the average for barrel lengths from 400 to 600 mm.



BEST SILENCER COMPATIBILITY

Short barrels are ideal, especially for use with a silencer. The complete combustion of this fast-burning powder within the barrel itself not only assures a significantly higher service life for the silencer but also promotes tighter groups. Our experience with silencers from the HAUSKEN brand has been particularly positive.

NICKEL-PLATED CASES

Not only for they look good, they also have practical benefits. Nickel-plated cases are particularly corrosion-resistant and chamber more smoothly. Jams are therefore a thing of the past, especially for semi-automatics.

The SHORT RIFLE cartridges are ideal for semi-automatic firearms and are available of course lead-free.

MUST HAVES

ACCESSORIES



DISASSEMBLY TOOLS

Product

Disassembly tool for the JD224 Lite

Disassembly tool for the JD184/224

Disassembly tool for the WD60



THREAD ADAPTER 18 X 1

for WD60, JD224, JD224 Lite, JD184, JD151, SK156, MD45

Product

Thread adapter 1/2"-20 UNF

Thread adapter 1/2"-28 UNEF

Thread adapter 5/8"-24 UNF

Thread adapter 13 x 1

Thread adapter 14 x 1

Thread adapter 15 x 1

Thread adapter 16 x 1

Thread adapter 17 x 1

Thread adapter M20 > M17

Thread adapter M20 > M17



THREAD ADAPTER 24 x 1

for WD406 and WD306

Product

Thread adapter 24 x 1 to 5/8"-24 UNF

Thread adapter 24 x 1 to 15 x 1

Thread adapter 24 x 1 to 17 x 1

Thread adapter 24 x 1 to 18 x 1

Thread adapter M24 - 1/2" -20 UNF

Thread adapter M24 - 1/2" -28 UNEF



Product

Thread adapter M24 - 13 X 1

Thread adapter M24 - 14 X 1

Thread adapter M24 - 16 X 1

Thread adapter M24 - 20 X 1

Thread adapter M24 - 22 X 1



RWS QUICK SLEEVE BY NIGGELOH®

Silencers quickly **heat up due to the rapid rate of fire**. This produces a **mirage**, which can impede **target acquisition**. The **Cordura®-reinforced upper surface** on the **RWS QUICK SLEEVE** dissipates the heat to the side and keeps **your view of the target clear**. The high-quality **neoprene prevents damage** to the silencer and **reduces the noise** when bumping against the hunting pulpit or when tracking. What's more, the **shot blast is reduced by up to 3 dB** (varies depending on the silencer).



Model	Length	Diameter	Colour
for HAUSKEN WD60	225 mm	60 mm	black
for Hausken JD224	225 mm	50 mm	black
for Hausken JD224	225 mm	50 mm	orange/black
for Hausken JD224	225 mm	50 mm	olive/black
for Hausken JD224	225 mm	50 mm	brown/black
for Hausken JD224 Lite	225 mm	45 mm	black
for Hausken JD184	185 mm	50 mm	black
for Hausken JD184	185 mm	50 mm	orange/black
for Hausken JD184	185 mm	50 mm	olive/black
for Hausken JD184	185 mm	50 mm	brown/black



CONSULTANTS

GENERAL RECOMMENDATIONS FOR THE USE OF SILENCERS

Barrel length	42 cm	47 cm	51 cm	56 cm	60 cm	
Standard calibres* e.g. .308, 8 x 57 JS	●	●	●	●	●	WD406 XTRM / W306 XTRM
	●	●	●	●	●	WD60 XTRM – WD60
	●	●	●	●	●	JD224 XTRM – JD224
	●	●	●	●	●	JD224 Lite XTRM
	–	●	●	●	●	J 224 Lite
	–	●	●	●	●	JD184 XTRM – JD184
	–	●	●	●	●	JD151 XTRM
	●	●	●	●	●	SK156 XTRM
	●	●	●	●	●	SK156
	Medium calibres* e.g. .30-06 / 9.3 x 62	●	●	●	●	●
●		●	●	●	●	WD60 XTRM – WD60
–		●	●	●	●	JD224 XTRM – JD224
–		–	●	●	●	JD224 Lite XTRM – JD224 Lite
–		–	●	●	●	JD184 XTRM – JD184
–		–	●	●	●	JD151 XTRM
–		–	●	●	●	SK156
Magnum calibres* e.g. .300 Win. Mag./8 x 68 S	●	●	●	●	●	WD406 XTRM / WD306 XTRM
	–	●	●	●	●	WD60 XTRM – WD60
	–	–	–	●	●	JD224 XTRM – JD224
	–	–	–	●	●	JD224 Lite XTRM – JD224 Lite
	–	–	–	●	●	SK156

● Max. 5 rounds, then allow the silencer to cool down!

● Max. 10 rounds, then allow the silencer to cool down!

*Calibres are classified according to casing volume



OVERVIEW OF SILENCERS

Model	Total length	Weight	Length from the muzzle	External model diameter	dB	Design	Length of the rear chamber	Thread
JAKT JD151	151 mm	220 g	67 mm	50 mm	-23+ dB	over-barrel	84 mm	18 x 1
JAKT JD151 XTRM	151 mm	250 g	67 mm	50 mm	-25+ dB	over-barrel	84 mm	18 x 1
JAKT SK156 SUPER KOMPAKT	156 mm	280 g	156 mm	50 mm	-28+ dB	on-barrel	—	18 x 1
JAKT SK156 SUPER KOMPAKT XTRM	156 mm	320 g	156 mm	50 mm	-29+ dB	on-barrel	—	18 x 1
JAKT JD184	184 mm	260 g	100 mm	50 mm	-27+ dB	over-barrel	84 mm	18 x 1
JAKT JD184 XTRM	184 mm	300 g	100 mm	50 mm	-31+ dB	over-barrel	84 mm	18 x 1
JAKT JD224	224 mm	300 g	140 mm	50 mm	-31+ dB	over-barrel	84 mm	18 x 1
JAKT JD224 XTRM	224 mm	360 g	140 mm	50 mm	-34+ dB	over-barrel	84 mm	18 x 1
JAKT JD224 LITE	224 mm	290 g	140 mm	45 mm	-30+ dB	over-barrel	84 mm	18 x 1
JAKT JD224 LITE XTRM	224 mm	330 g	140 mm	45 mm	-34+ dB	over-barrel	84 mm	18 x 1
JAKT WD60 WHISPER	224 mm	440 g	140 mm	60 mm	-35+ dB	over-barrel	84 mm	18 x 1
JAKT WD60 WHISPER XTRM	224 mm	480 g	140 mm	60 mm	-38+ dB	over-barrel	84 mm	18 x 1
WHISPER WD228X XTRM	228 mm	600 g	144 mm	70 mm	-37+ dB	over-barrel	88 mm	24 x 1
WHISPER WD306X XTRM	306 mm	770 g	144 mm	70 mm	-38+ dB	over-barrel	162 mm	24 x 1
WHISPER WD356X XTRM	356 mm	860 g	144 mm	70 mm	-38+ dB	over-barrel	212 mm	24 x 1
WHISPER WD406X XTRM	406 mm	900 g	144 mm	70 mm	-39+ dB	over-barrel	262 mm	24 x 1
WHISPER WD456X XTRM	456 mm	1000 g	144 mm	70 mm	-39+ dB	over-barrel	312 mm	24 x 1
WHISPER WD506X XTRM	506 mm	1000 g	144 mm	70 mm	-40+ dB	over-barrel	362 mm	24 x 1
WHISPER WX456 MEGA XTRM	456 mm	1190 g	292 mm	70 mm	-43+ dB	over-barrel	162 mm	24 x 1
WHISPER WX506 MEGA XTRM	506 mm	1290 g	292 mm	70 mm	-41+ dB	over-barrel	212 mm	24 x 1
WHISPER WX556 MEGA XTRM	556 mm	1330 g	292 mm	70 mm	-42+ dB	over-barrel	262 mm	24 x 1
WHISPER WX606 MEGA XTRM	606 mm	1420 g	292 mm	70 mm	-43+ dB	over-barrel	312 mm	24 x 1
WHISPER WX656 MEGA XTRM	656 mm	1480 g	292 mm	70 mm	-43+ dB	over-barrel	362 mm	24 x 1
MINI MD35	128 mm	200 g	128 mm	35 mm	-20+ dB	on-barrel	—	18 x 1
MINI MD45	128 mm	200 g	128 mm	45 mm	-22+ dB	on-barrel	—	18 x 1

The product portfolio varies from country to country, so kindly check availabilities in each case!



GOOD TO KNOW

- Our perception of noise is caused by sound pressure acting on the eardrum.
- The sound pressure level (dB) is expressed relative to sound pressure (Pa) and makes it easier to understand the otherwise very large numbers associated with sound pressure.
- An increase in sound pressure level by just 20 dB means a tenfold increase in sound pressure. The sound pressure levels produced by a gunshot are harmful and can cause significant hearing loss. Sound pressure levels and sound pressure tend to rise with the size of the calibre.
- A change in sound pressure level of 6-10 dB is perceived as twice as loud or quiet. However, our perception of volume is a psychoacoustic variable and therefore subjective. In other words, it depends on a large number of environmental and personal factors.
- The shot blast consists of various components, in which the muzzle blast and sonic boom of the bullet in flight are the predominant factors.
- Without hearing protection, even a single shot discharged nearby can cause significant and irreparable damage to the inner ear.
- Generally speaking, silencers reduce the sound pressure level acting on the ear to below 140 dB.
- The sonic boom caused by the bullet is not affected by the bullet's progression through the silencer and in the air.
- Significantly reducing the muzzle blast makes it more difficult to localise the hunter. But the shot is still loud and is clearly audible from the front.
- A silenced shot is definitely not a harmless 'plop'. - Silencers reduce the muzzle blast and protect the hearing of the hunter and the accompanying dog. They enable the hunter to hear the bullet impact.
- Using a silencer ensures a gentler recoil. This reduces the likelihood of flinching and improves accuracy. The shooter experiences far less destabilisation and can maintain a calmer stance. Using a silencer therefore consistently minimises the risk of jerking a shot.
- Enabling cleaner hits contributes to more humane hunting. The game is taken down more cleanly, accurately and efficiently.
- Silencers eliminate the muzzle flash. It becomes easier to spot the outlines of the game, especially in the dark, which relieves the strain on the hunter's eyes. Protective reflexes are reduced, so that the hunter does not instinctively squint after firing. It is then easier to notice the shot impact, providing important information in the event it is necessary to search for the game.

IN PRACTICE

CLEANING, CARE & HANDLING

BASIC CLEANING

The silencer should be dismantled for cleaning using the HAUSKEN stripping tool. We recommend using the FlunaTec Silencer Kit for basic cleaning. The special cleaner and degreaser cleans automatically without leaving residues. It is easy to use and produces a convincing result without harming the material. Before reassembly, the silencer must be thoroughly dried and the thread on the baffle tube as well as the seals must be lubricated with a heat-resistant grease or with Fluna Gun Coating.

CARE

USING OIL AND LUBRICANT

A thin coat of heat-resistant oil or grease should always be applied to the muzzle thread. Fluna Gun Coating is the best choice for this (heat resistant up to +750°C). Without this lubricant film, the silencer can become 'baked onto' the firearm, and you may be unable to release it without causing considerable damage.

UNSCREW & AIR

It is important to unscrew the silencer from the firearm and ensure thorough airing after each hunt. The smoke residue remaining in the silencer may otherwise react with condensation to form acid. This acid can damage the silencer and the firearm.

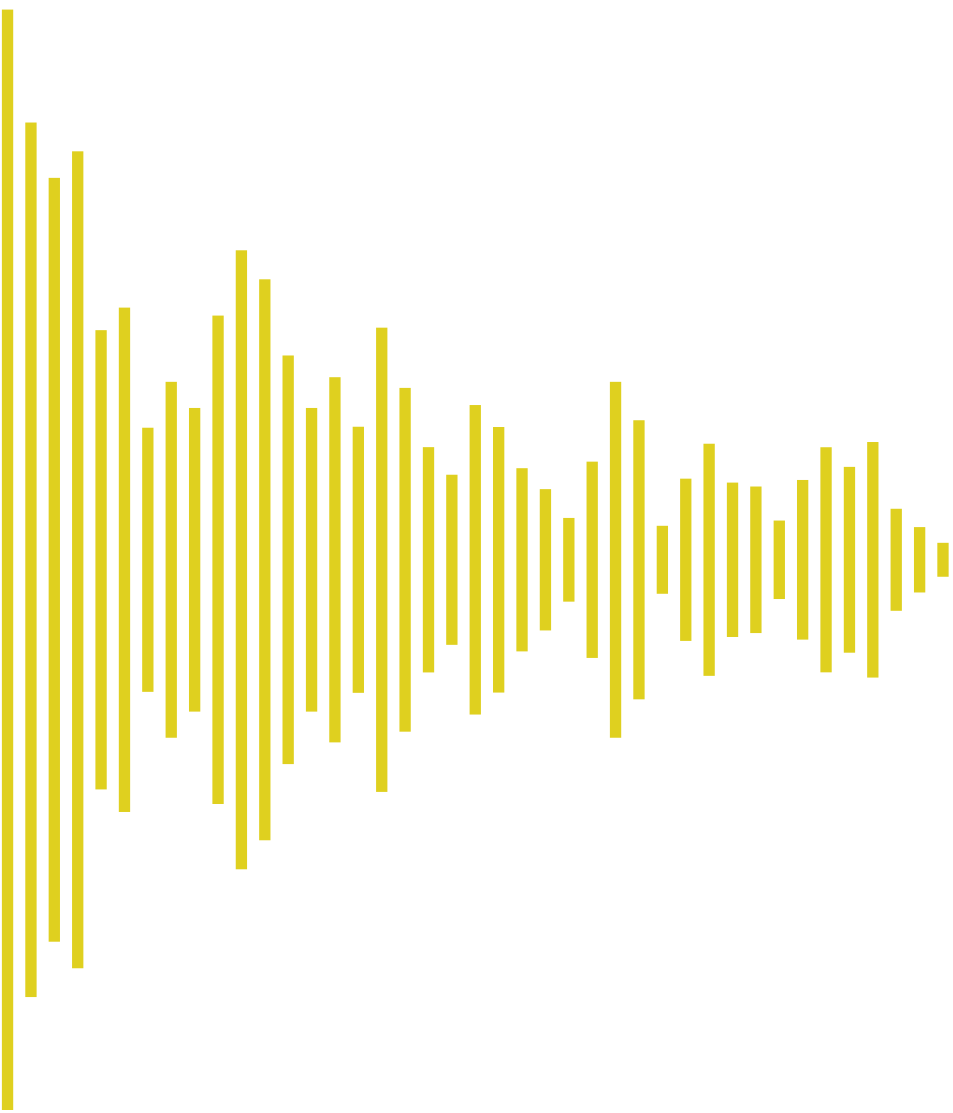
PRACTICAL TIP:

Place the silencer on a radiator or similar source of heat for a while after each use. This produces a chimney effect that encourages fast drying. Alternatively, a hair dryer can also be used on the silencer – but please note that this method may cause burning.



RECOMMENDED:

Perform basic cleaning once a year or after approx. 200 shots. You can do it yourself or bring the firearm to your gunsmith.



HAUSKEN

LYDDEMPER

All HAUSKEN products are available from specialist dealers. Current laws (Weapons Act and Hunting Act) on the purchase, possession and use of silencers must be complied with. We reserve the right to make technical modifications to the products described and shown here without prior announcement. Errors and printing errors reserved. We do not accept liability for the information provided herein. Photocopies and reprints are only permitted with the written permission.

The product portfolio varies from country to country, so kindly check availabilities in each case!