



OPERATING INSTRUCTIONS

1 Information about the documentation

1.1 About this documentation

- Read this documentation before initial operation or use. This is a prerequisite for safe, trouble-free handling and use of the product.
- Follow the safety instructions and warnings in this documentation and on the product.
- Always keep the operating instructions with the product. Make sure that the operating instructions are with the product when it is given to other persons.

1.2 Information about the product

This product is designed for professional users and only trained, authorised personnel are permitted to operate, service and maintain the products. This personnel must be specifically informed about the possible hazards. The product and its ancillary equipment can present hazards if used incorrectly by untrained personnel or if used not in accordance with the intended use. Unintended use of this product and its attachments or their unauthorised operation by untrained personnel may be dangerous.

The typical model designation and serial number are marked on the body of each product.

1.3 Declaration of conformity

The manufacturer declares, on his sole responsibility, that the product described here complies with the applicable legislation and standards.

2 Safety

2.1 General safety warnings

WARNING Read all safety warnings, instructions, illustrations and specifications provided with this product. Failure to follow all instructions listed below may result in a moderator breaking away from the weapon's barrel, a destruction of the product, an explosion and/or serious injuries of the user. Keep all safety guidelines and instructions for future use.

2.2 Use of ammunition

- Use ammunitions for the specified caliber only.
- Use ammunitions only if you are confident in their quality.

2.3 User requirements

- Only users who have passed an appropriate training can use and maintain the moderator.

2.4 Safe operation

- Follow the instructions for use and maintenance, given in this manual.
- Be careful, mind your actions and take seriously the use of the moderator. Do not use the moderator, if you are under the influence of narcotic substances, alcohol or medicines. A minor error resulting from inattentive use of the moderator may cause serious injuries.

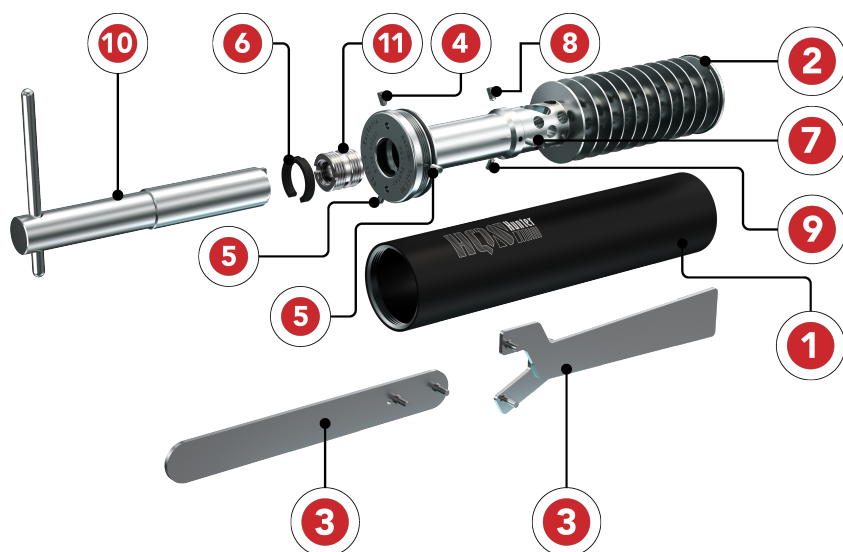
2.5 Additional safety instructions

- Each moderator has a maximum caliber.
- The maximum caliber is marked on the moderator.
- The weapon caliber should not exceed the maximum caliber of the moderator, marked on it.
- The thread size of the moderator must match the thread size of the barrel.
- The moderator is delivered in completely assembled condition.
- Before use, please check the moderator visually and shake it to check if there are no foreign objects inside.
- For models Special and Special Slim: please check visually the groove between the two chambers for foreign objects and dirt.
- For models Special and Special Slim: make sure that the groove between the two chambers is not covered if neoprene protector has been used.
- The moderator must be completely screwed on the barrel and there should be no gaps between the moderator and the barrel. Please check if the moderator is not loose during use!
- Please bare in mind that during usage occurs condensation. For that reason the moderator must be unmounted from the weapon immediately after use.
- The moderator must be cleaned and greaced after use. This will extends it's life!

2.6 Safety measures

- Do not modify or repair the moderator in any way and or any case!
- Regulate the pace of shooting so the moderator is not overheated!
- Maximum rate of fire must be 6 shots per minute
- If the moderator is overheated, please leave it to cool down.
- When used the moderator is hot! There is a danger of burn by contact!
- Do not dismount the moderator when hot. Wait for the moderator to cool down.

3 Setting up the moderator to your barrel



Legend:

- 1. Pipe
- 2. Body
- 3. Maintenance key
- 4. Coloured screw (support ring)
- 5. Screw (support ring)
- 6. Support ring
- 7. Screw (thread adapter)
- 8. Screw (thread adapter)
- 9. Screw (thread adapter)
- 10. Thread adapter wrench
- 11. Thread adapter

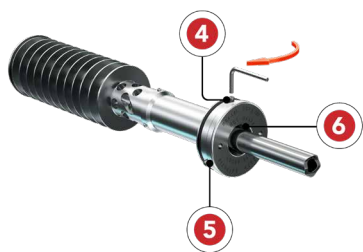
3.1 Initial mount of the moderator to a barrel with a diameter of up to 19 mm (for model HQS Slim: to a barrel with a diameter of up to 18 mm)



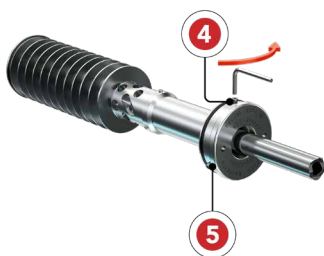
- 1. Dismount the pipe (1) from the body of the moderator (2) using the wrench (3)



- 2. Tighten the body of the moderator (2) on the weapon barrel until it stops.



3. Tighten first the coloured screw (4), and then the remaining 2 screws (5) of the support ring (6) against the barrel until they stop. Make sure not to over-tighten them.



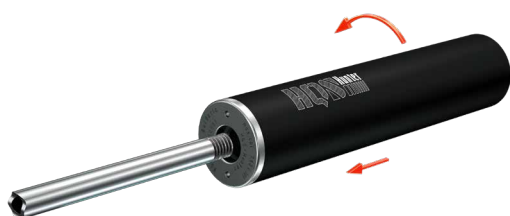
4. Unscrew the three fixing screws (4) and (5) with $\frac{1}{2}$ turn.



5. Dismount the moderator body (2) from the weapon barrel.



6. Mount and tighten the pipe (1) on the moderator body (2) using the wrench (3).

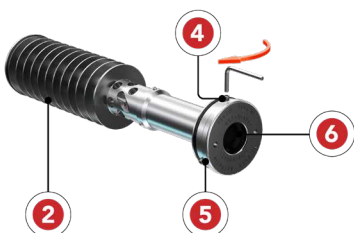


7. The Moderator is ready for use with this barrel.

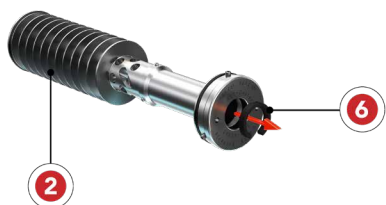
3.2 Initial mount of the moderator to a barrel with a diameter from 19 mm to 22 mm (for model HQS Slim: to a barrel from 18 mm to 22 mm)



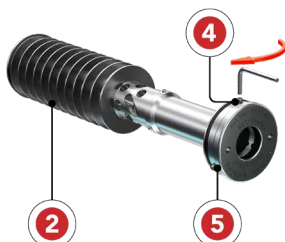
1. Dismount the pipe (1) from the body of the moderator (2) using the wrench (3)



2. Tighten the three fixing screws (4) and (5) till the support ring (6) pops out of its channel inside of the moderator's body (2)



3. Remove the support ring (6) from the body of the moderator



4. Return back the three fixing screws (4) and (5) to their initial position. Make sure that the screws do not pop-up from the surface outside, since this will prevent you to mount the pipe cover on the body of the moderator.



5. Mount and tighten the pipe (1) on the moderator body (2) using the wrench (3)

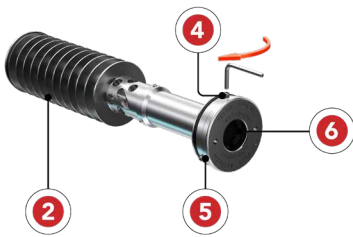


6. The Moderator is ready for use with this barrel

3.3 Changing the thread adapter for a barrel with a diameter of up to 19 mm(for all models except Impact) – **We recommend to be done by HQS authorised partner!**



1. Dismount the pipe (1) from the body of the moderator (2) using the wrench (3)



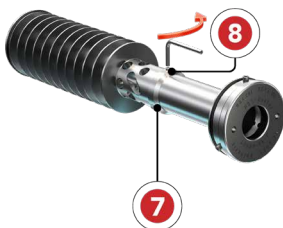
2. Tighten the three fixing screws (4) and (5) till the support ring (6) pops out of its channel inside of the moderator's body(2)



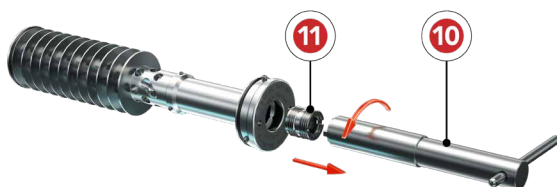
3. Remove the support ring (6) from the body of the moderator



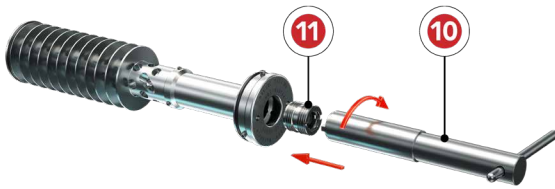
4. Return back the three fixing screws (4) and (5) to their initial position. Make sure that the screws do not pop-up from the surface outside, since this will prevent you to mount the pipe cover on the body of the moderator.



5. Unscrew the Insert adapter screws (7) (8) (9) up to their almost complete exit out of the thread



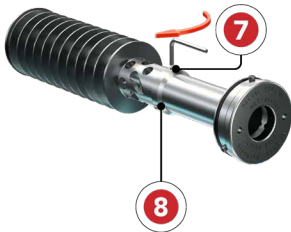
6. Remove the thread adapter (11) from the body with the thread adapter wrench (10)



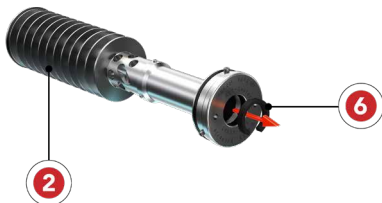
7. Mount the new thread adapter (11) to the body with the thread adapter wrench (10). Apply full force



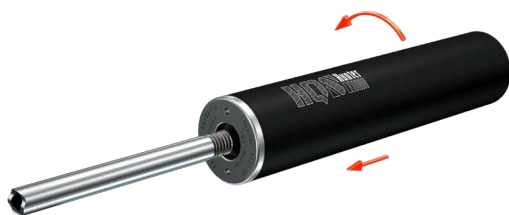
8. Screw the Insert adapter screws (7) (8) (9) one by one but do not apply force initially. This will allow you to centre the thread adapter.



9. Tighten the Insert adapter screws (7) (8) (9) in the same order as screwing them in the previous step



10. Mount back the support ring (6) into the channel in the body (2). The groove section of the ring should be placed against the coloured screw (4)



11. Set up the moderator to you barrel as described in. Point 5.1 for barrels up to 19mm and 5.2 for barrels from 19mm to 22mm

12. The Moderator is ready for use with this barrel and thread

SUPPRESSOR

HQS HUNTER



KEY ADVANTAGES

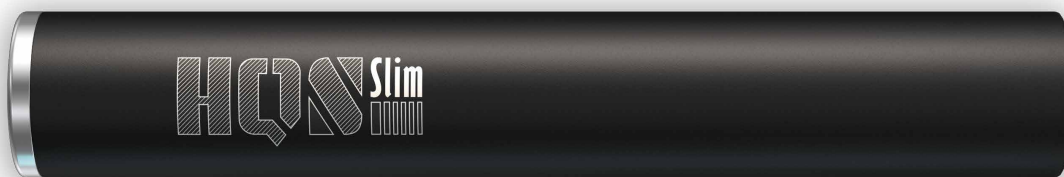
- Maximum noise cancelation
- Price attractive
- Top sold product

TECHNICAL CHARACTERISTICS

Length	250 mm
Length added to the barrel	154 mm
Diameter	54 mm
Weight	497 gr
Noise reduction	37+ dB

SUPPRESSOR

HQS SLIM



KEY ADVANTAGES

- Lightweight
- Smaller diameter
- Budget suppressor

TECHNICAL CHARACTERISTICS

Length	250 mm
Length added to the barrel	154 mm
Diameter	40 mm
Weight	293 gr
Noise reduction	30+ dB

SUPPRESSOR

HQS IMPACT



KEY ADVANTAGES

- Front barrel suppressor
- Low weight
- Suitable for semi-automatic weapons

TECHNICAL CHARACTERISTICS

Length	mm
Length added to the barrel	175 mm
Diameter	54/50 mm
Weight	390 gr
Noise reduction	32+ dB

SUPPRESSOR

HQS SPECIAL



KEY ADVANTAGES

- Suitable for magnum calibers
- Maximum reduction in recoil
- Longer Life

TECHNICAL CHARACTERISTICS

Length	250 mm
Length added to the barrel	154 mm
Diameter	54/50 mm
Weight	549 gr
Noise reduction	34+ dB

SUPPRESSOR

HQS SPECIAL SLIM



KEY ADVANTAGES

- Suitable for magnum calibers
- Maximum reduction in recoil
- Longer Life

TECHNICAL CHARACTERISTICS

Length	250 mm
Length added to the barrel	154 mm
Diameter	44/40 mm
Weight	370 gr
Noise reduction	28+ dB

SUPPRESSOR

HQS SPECIAL IMPACT

ULTIMATE



KEY ADVANTAGES

- Changeable front chamber
- Maximum reduction in recoil
- Extreme sound suppression

TECHNICAL CHARACTERISTICS

Length	302 mm
Length added to the barrel	206 mm
Diameter	54/50 mm
Weight	600 gr
Noise reduction	42+ dB

SUPPRESSOR

HQS RIMFIRE



KEY ADVANTAGES

- Compact design
- Amazing balance
- Extremely long life

TECHNICAL CHARACTERISTICS

Length	150 mm
Length added to the barrel	135 mm
Diameter	30 mm
Weight	170 gr
Noise reduction	42+ dB

5 Technical information

SUPPRESSOR	MAX CALIBER AVAILABLE	THREADS AVAILABLE
HQS HUNTER	max. 5.60 (.223)	12x1, 13x1, 14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 6.50 (.264)	13x1, 14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 7.62 (.30)	13x1, 14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 9.30 (.375)	14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
HQS SLIM	max. 5.60 (.223)	12x1, 13x1, 14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 6.50 (.264)	13x1, 14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 7.62 (.30)	13x1, 14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 9.00 Para	14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
HQS IMPACT	max. 6.50 (.264)	13x1, 14x1, 14x1 LH, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 7.62 (.30)	13x1, 14x1, 14x1 LH, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
HQS SPECIAL	max. 6.50 (.264)	14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 7.62 (.30)	14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 8.50 (.338)	14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 9.30 (.375)	14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
HQS SPECIAL SLIM	max. 6.50 (.264)	13x1, 14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 7.62 (.30)	14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 9.30 (.375)	14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
HQS SPECIAL IMPACT	max. 6.50 (.264)	13x1, 14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 7.62 (.30)	14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max. 9.30 (.375)	14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
HQS RF	max .17HMR	12x1,13x1, 14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF
	max .22LR/WM	12x1,13x1, 14x1, 15x1, 16x1, 17x1, 18x1, 1/2"-20 UNF, 1/2"-28 UNEF, 5/8"-18 UNF, 5/8"-24 UNEF



<https://www.hqsteam.com>