



# S SERIES

User manual





**TWO-YEAR  
WARRANTY**

Ase Ultra sound suppressors have a two-year warranty that covers any manufacturing faults.

Purchase date:        /        /

n:o: \_\_\_\_\_

Distributor: \_\_\_\_\_



## **EFFECTIVE ACCURATE COMPACT DURABLE**

Ase Ultra suppressors are used especially by shooters who value the compact size, weight and effectiveness of the product. They have been developed to significantly reduce the firing signature

The reduced sound signature lessens the shooters risk to receive hearing damage and also reduces the environment noise around shooting ranges. The suppressor also reduces recoil effectively. Due to the low recoil, the shooter can focus better in the aiming and trigger control. Of significance is also the fact that the suppressor does not reduce the muzzle velocity or affect the accuracy of the weapon negatively. The weight of the suppressor affects the barrel vibrations and therefore the point of the impact can be different, compared to an unsuppressed weapon. This change is weapon specific. The suppressor is meant to be used both with sub-sonic and super-sonic ammunition.

### **Why choose an Ase Ultra suppressor?**

- reduce the risk of temporary or permanent hearing loss
- reduce environmental noise
- Ase Ultra suppressors significantly reduce recoil
- eliminate the muzzle flash visible in the dark
- compatible with weapons with iron sights
- Ase Ultra suppressors often improve firing accuracy

## INSTALLATION

The suppressor is attached by a thread. If the weapon does not have a thread, one should be made by a proficient gunsmith.

**S Series suppressors require 16–30 mm of free barrel length.**

## USE

The suppressors are available in a variety of metric and inch size threads. The suppressor is attached by turning the suppressor onto the mounting thread, using reasonable force. Before firing, check that the suppressor is tightly mounted. When the suppressor is mounted, check that the suppressor is aligned properly. **A loose or misaligned suppressor should not be shot with.** Unstable or projectiles that disintegrate after the muzzle (frangible, sabot etc.) are not to be shot through the suppressor. Check that the rifling twist is correct for the bullet weight in use. When the suppressor is not in use, the thread cover should be used.

**If you are not sure of an issue, further information can be received from the manufacturer.**

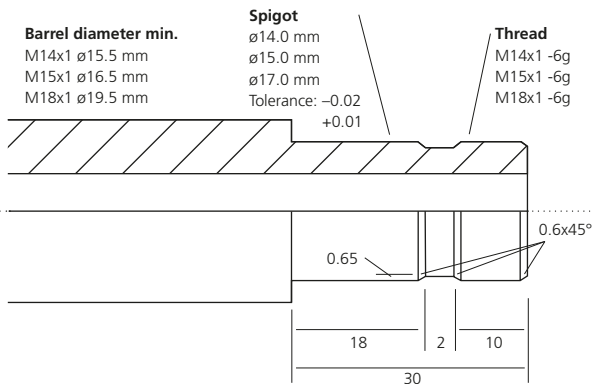
## MAINTENANCE

It is recommended that the suppressor is taken off after shooting and placed in an upright position so the moisture inside the suppressor can vaporize. After this, gun oil is used to spray the inside of the suppressor and the suppressor rotated to spread it. The residue inside the suppressor is solved into the oil. Avoid excessive use of the oil, because it adds a smoke signature to the suppressor. The use of the gun oil inside the suppressor can momentarily enhance the suppression level. Store the suppressor in a dry space with a slight coat of oil.

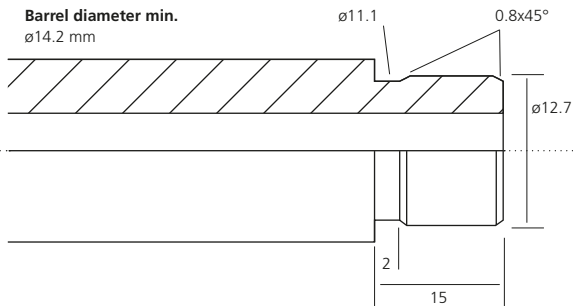


**Do not try to open or dismantle the suppressor!**

## Barrel thread measurement with spigot



## Barrel thread measurement 1/2" x 20 UNF



## Barrel thread measurement SAKO-thread

### Barrel diameter min.

M14x1  $\varnothing 15.5$  mm

M15x1  $\varnothing 16.5$  mm

M18x1  $\varnothing 19.5$  mm

M14x1  $\varnothing 12.8 \pm 0.1$

M15x1  $\varnothing 13.8 \pm 0.1$

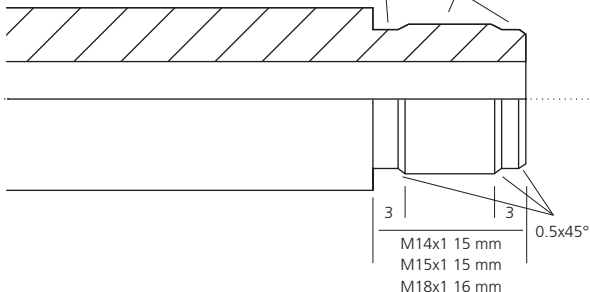
M18x1  $\varnothing 16.5 \pm 0.1$

### Thread

M14x1 -6g

M15x1 -6g

M18x1 -6g



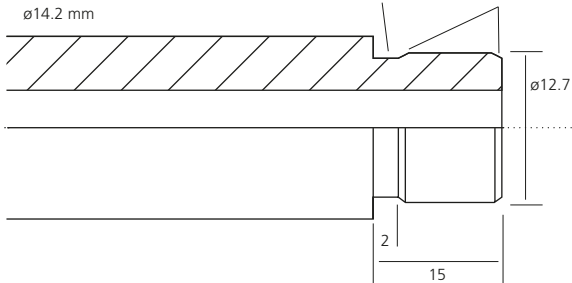
## Barrel thread measurement 1/2" x 28 UNEF

### Barrel diameter min.

$\varnothing 14.2$  mm

$\varnothing 11.6$

0.5x45°



SUSTAINABLE SUPPRESSION ))) SINCE 1994



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