



Armeria Cicognani

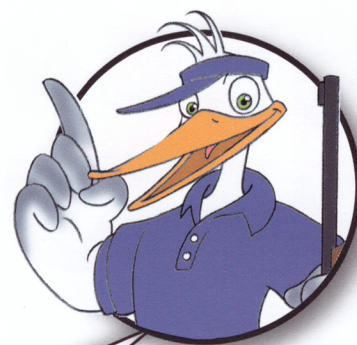
Armi da competizione

www.varidecicognani.com

FAT



*Fly
Away
Tuner*



Description

The Fly Away Tuner is a device to be applied to the muzzle of the barrel to optimize the relation between the barrel's vibration and the time period when the bullet leaves the barrel.

Installation

The Fly Away Tuner is to be applied to the muzzle of the barrel through a changeable P.V.C. bush and locked by two screws.

Regolazione

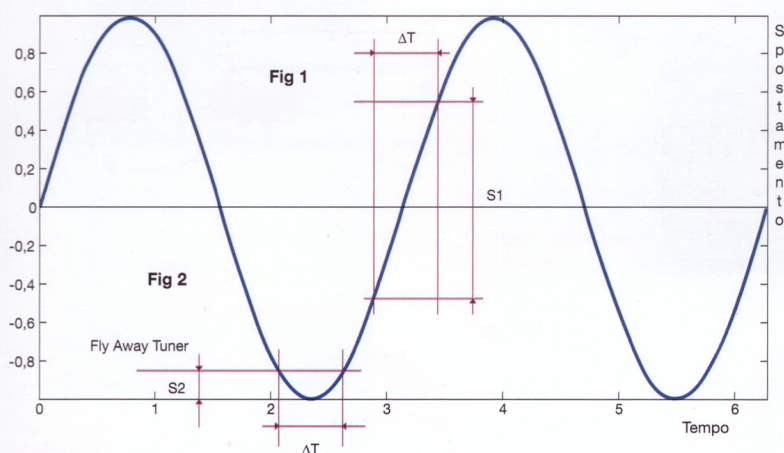
Once applied, the Fly Away Tuner has to be set by turning clockwise or anticlockwise to find the smallest group. There is not a predetermined point, for every rifle has its own peculiar vibrations.

ADVICE: Start by an extreme, try all the setting grid, then go back to the "best group" setting.

Maintenance

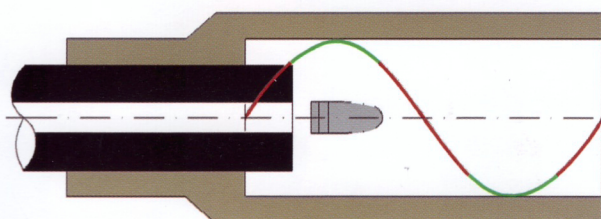
The Fly Away Tuner has no need for any maintenance, except cleaning when barrel cleaning.

F.A.T. Function



Exit of the bullet (time): **Delta T**

Movement: **S**



Any bullet, even from the same brand and type has a peculiar velocity.

If we take for example the gap of time between the quickest and the slowest, suppose a time **Delta T**, and **S** for the movement due to the barrel's vibrations (sinusoid graphic), we understand that to have a small and convenient **S** to shrink the width of the group (**S2**) it will be necessary for the bullet to come out the barrel coincidentally with the lowest or highest part of the sinusoid (Fig.2), if on the contrary, the bullet will come out to its center, we will have a really bigger **S** (**S1** di Fig.1).

Using the **Fly Away Tuner** it is possible to move the turn of the sinusoid (vibration) to let the bullet come out of the barrel in the lowest/highest point.

This point has to be found by the shooter making group tests while turning clockwise and anticlockwise the **Fly Away Tuner** until the smaller group will be found.