

## Magnetic Target Shooting Aperture

*You will never see iron sights the same way again!*



### What is the Magnetic Target Shooting Aperture?

An aperture is the circular opening in a camera lens that controls the "depth of focus". Depth of focus determines how much of the foreground and background are in focus relative to the main subject of the picture.

This is the same concept used by the Magnetic Target Shooting Aperture. When the aperture is placed between the eye and the rear sight, then the front sight, rear sight and target are in focus while aiming. This will give a much better sight picture.

The Magnetic Target Shooting Aperture is a plastic disc with a small hole in it. It provides the opening, or "aperture", to improve your sight picture. The aperture disc has a small magnet attached to it. Included is a second magnet called a holding magnet. The aperture disc is 1.125" in diameter. The magnets are 0.5" in diameter.

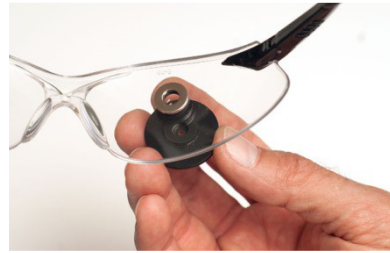
### How to Use the Magnetic Target Shooting Aperture

The Magnetic Target Shooting Aperture attaches to your shooting glasses or prescription glasses. The holding magnet rests on inside of the lens and the aperture disc rests on the outside. The magnetic force keeps the aperture disc and the holding magnet on the lens opposite each other. The disc slides on the surface of the lens so you can position it in just the right place. It can be used on the right or left lens.

Follow these steps to properly place the aperture disc on your shooting glasses or prescription glasses. These instructions assume a right-handed shooter; reverse everything if you are left-handed.

Hold your glasses in one hand with the front of the glasses pointing to the ground and the ear pieces pointing up. Place the holding magnet on the inside of the right lens so that the rubber surface is pointing down and touching the lens.

Place the aperture disc on the outside of the lens by slowly bringing it up from underneath the right lens. The side of the disc containing the magnet should be pointing up toward the front of the lens. Place it directly underneath the holding magnet. Be careful, the magnetic force may pop the aperture disc out of your hand as you get closer to the holding magnet.



Wear your glasses as you normally do.

Assume your normal shooting position. Raise your unloaded weapon as if you are going to shoot. Take note of any adjustments that need to be made in the position of the aperture disc. Place your weapon on the shooting bench with the barrel pointing down range. Reach up and grab the aperture disc and make the necessary adjustments in the position of the disc. As you move the disc, the holding magnet will also move. Repeat this process until you can clearly see the sights on your gun and the target down range. Once you have a clear sight picture, load your weapon and begin shooting.

### Storing the MTSA

Keep the MTSA in the plastic case it was shipped in. This will keep it from getting lost. Keep the case in your shooting bag or next to your shooting glasses so you don't forget it.

### Tips on Using the Magnetic Target Shooting Aperture

If the sight picture is not clear, it is possible the lens has smudges on it. Slide the MTSA to the far side of the lens and make sure the lens is clean.

Do not use steel cased ammunition with the Magnetic Target Shooting Aperture.

You may get some glare when standing in direct lighting. You can eliminate this by wearing a cap.

For people who wear eyeglasses with progressive lenses, you may have to do a little more work to find the right place to position the Magnet Target Shooting Aperture to correspond to the best place to see through your glasses. Stick with it - don't get frustrated and give up!

### Proper Care and Handling

The magnets are very strong and must be handled with care to avoid personal injury and damage to the magnets. Fingers can get pinched between two attracting magnets. The magnets are brittle and can peel, crack, or shatter if allowed to slam together.

The strong magnetic fields of the magnets can damage media such as floppy disks, credit cards, magnetic I.D. cards, cassette tapes, video tapes and similar items. They also can damage televisions, VCRs, computer monitors and other CRT electronics. Never bring the magnets near any of these items.

**Children should not be allowed to handle the magnets. Small magnets pose a choking hazard and should never be swallowed or inserted into any part of the body.**

Never allow the magnets near a person with a pacemaker or similar medical device. The strong magnetic fields of the magnet can affect the operation of such devices.

The magnets will lose their magnetic properties if heated above 175 degrees F (80 degrees C).

**Keep them clean!** Keep the magnets clean. Dirt or dust particles can cause scratches on the lens of your shooting glasses.

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