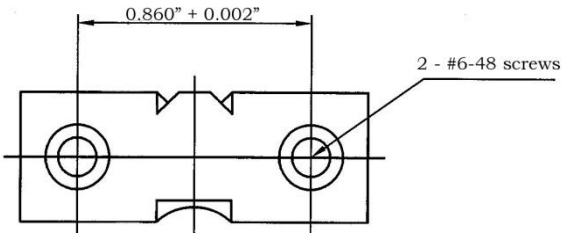
¾” Vintage Sniper Competition Mount Parts Overview

Scope Base Overview

The Wm. Malcolm VSC Mount is compatible with crescent cut scope bases. Most ½” crescent cut scope bases will work with the Malcolm VSC Mount. There may be some tolerance in the dimensions of older scope blocks.



Hole Spacing of Wm. Malcolm ½” 60 Degree Bases

Rear Mount Overview

Value of Adjustment Clicks

Each tickmark on the Elevation and Windage turrets indicates one unit of adjustment.

The value of each tickmark depends on the spacing between the front and rear mounts. The spacing is measured from center of the rear mount to the center of the front ring.

Front to Rear Mount Spacing (center to center)	Adjustment Value per Tickmark
5.4”	1/3 MOA
7.25”	1/4 MOA
9.0”	1/5 MOA
10.8”	1/6 MOA
12.6”	1/7 MOA
14.4”	1/8 MOA

Re-Indexing the Adjustment Turrets

Once the appropriate amount of elevation and windage adjustment has been made, you can re-index the turret.

First, loosen the slotted screw on the top of the turret. Next, rotate the turret until the "0" lines up with the adjustment indicator line on the adjustment turret shaft. Lastly, once the indicator line has lined up with the 0 line on the turret, tighten the slotted screw on the turret cap.

Front Ring Overview

The front ring of the Wm. Malcolm VSC Mounts contains a spring and plunger within the slotted cap screw that rides over the scope. The purpose of the front ring is to guide the scope backwards and forwards under recoil.

Recoil/Return springs are not allowed in Vintage Sniper Competition. As a result, the Malcolm 8X scope or similar externally adjusted rifle scopes will move forward towards the muzzle under recoil.

Prior to shooting each round, the shooter will need to pull the scope back to reset the scope to “battery.”

Setting Eye Relief

It is important to set the eye relief of the scope so that you have full field of view when the scope is in battery. It is important to properly set the location of the furthest lock ring.

First, place the scope and the mounts in the most comfortable and most viewable position, with the locking ring loose. Adjust the position of the locking ring on your rib so that the front mount fully contacts the lock ring when the scope is pulled back to your comfortable battery location. Then, tighten the lock ring in place. The forward locking ring acts as a repeatable, stable stopping point to prevent you from 'overdrawing' the scope.

Tightening the Cap Screw

As the scope will move due to recoil, we highly recommend that you periodically verify that the cap screw on the front ring is tight.