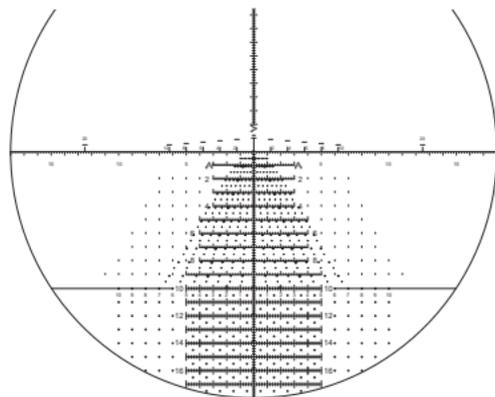




FIELD GUIDE Horus Tremor3™ Reticle

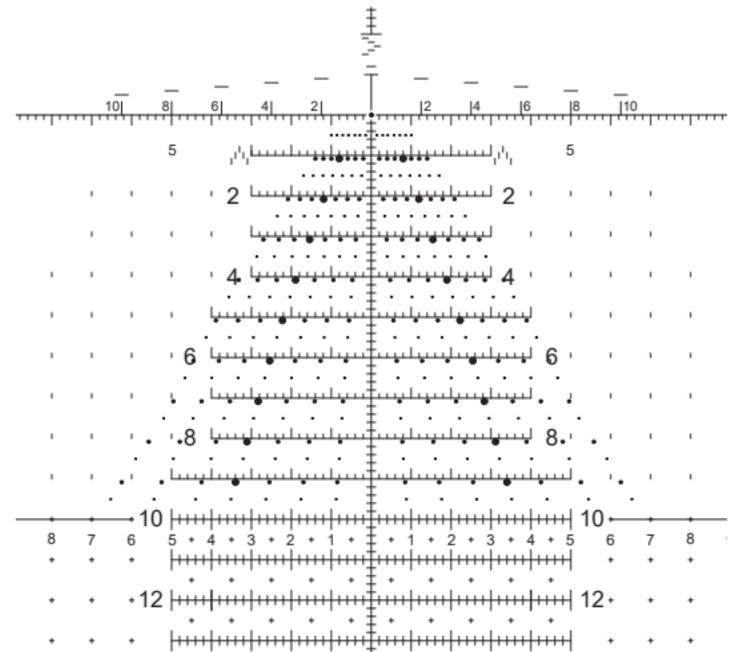


This field guide provides summary information only for the Tremor3™ reticle. For more information, visit www.horusvision.com.

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Overview

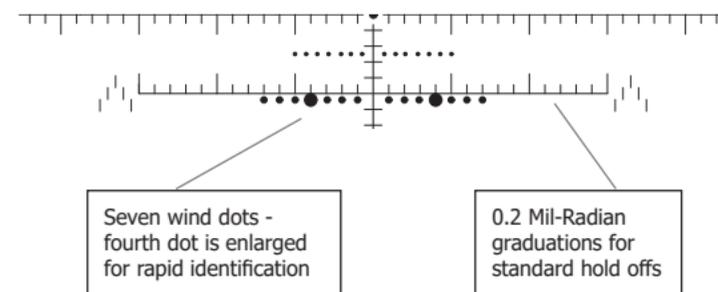
The Tremor3 reticle includes the revolutionary Horus Grid, Rapid Range Bars above the primary horizontal stadia, an expanded uncluttered grid, and Tremor ranging chevrons for vertical and horizontal target ranging. The Tremor3 reticle also features Moving Target Holds on top of the primary horizontal stadia and our patented Time of Flight (ToF) Wind Dots.



Details

Time of Flight (ToF) Wind Dots

Patented Wind Dots allow for fast and accurate wind holds.

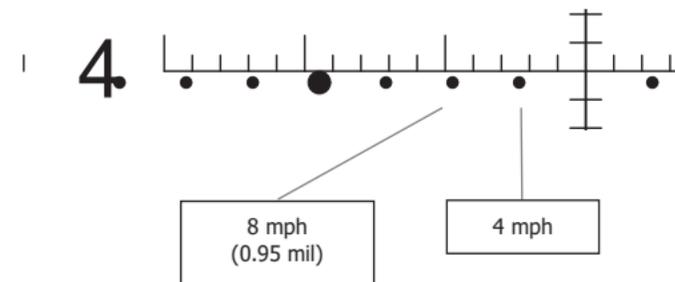


Determining Wind Dot Value (For Your Specific Ballistics)

- Use the 4th mil line and 2nd wind dot along it, to calibrate the reticle to your specific ballistics.
- Turn off spin drift in your ballistic engine, manipulate target range until 4 mils is your elevation solution.
- Using this elevation solution, manipulate the full wind value until your windage solution is as close to 0.95 mil (sub-tension of 2nd wind dot on 4th mil line) as possible. This is the 2nd wind dot value.
- Divide the 2nd wind dot value by two, use this new wind value for all ToF wind dots.

Example:

620 yds = 4 Mil elevation hold
0.95 mil wind hold = 8 mph wind value (2nd dot, 4th mil line)
 $8 \div 2 = 4$ mph wind dot value



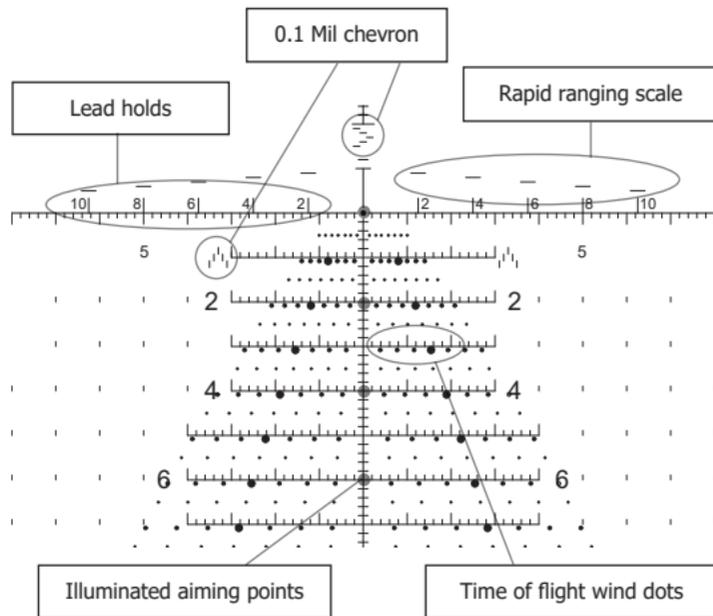
Service & Support

Please contact us with any questions or to obtain an RMA number prior to returning any product.

Horus Vision
(866) 568-2926
www.HorusVision.com



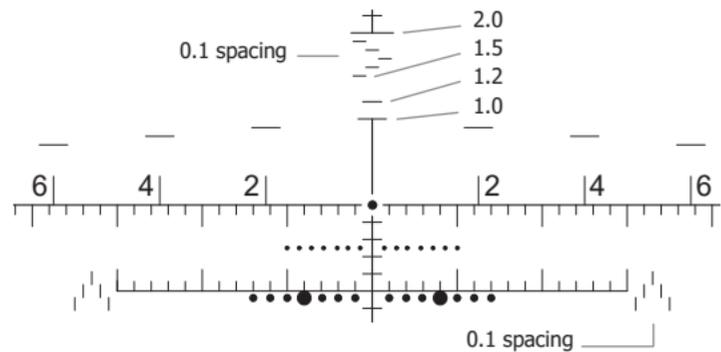
Main Features



The illuminated Tremor3 features illuminated aiming dots at the center, on the primary vertical stadia every 2 mil-radian below center, and at 2 mil-radian of windage left and right on the 10 mil-radian horizontal stadia.

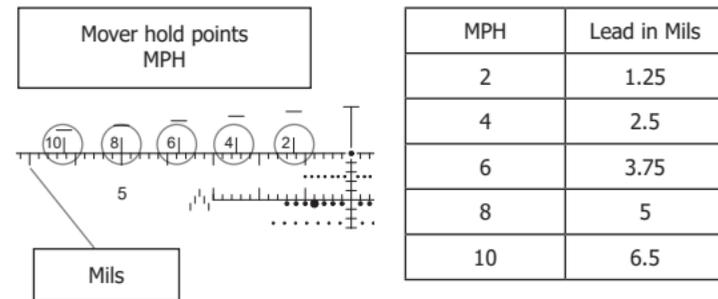
Tremor Refined Milling Chevrons

The Tremor3 incorporates a number of precision ranging features calibrated in mil-radians.



Moving Targets

The Tremor3 moving target reference points are calibrated in even mile per hour increments, from 2 to 10 mph, and closely approximate the ballistic profile of 7.62mm x51 (.308) rifles out to 400 meters. The horizontal stadia line also includes standard mil-radian graduations for traditional lead holds.



Dialing Elevation

The Tremor3 allows the user to hold, dial, or dial and hold for elevation adjustments. For extended distance engagements, the user may not want to hold the entire elevation amount in order to keep the target closer to the center portion of the reticle.

To dial and hold for elevation, or dial elevation, you will have to use the 0.2 mil-radian subtensions on the horizontal stadia for wind holds as the wind dot values change if elevation has been dialed.

Rule of Thumb: We recommend to hold everything out to 10 mil-radian of elevation and for wind using the calibrated wind dots. For engagements requiring more than 10 mils of hold over, we suggest dialing your elevation and holding off for any wind using the 0.2 mil-radian graduations.

Accuracy 1st Speed Shooting Formula

The Tremor3 incorporates the Accuracy 1st Speed Shooting Formula. This is the 0.1 Mil staircase looking pattern above the primary horizontal stadia. This allows the shooter to quickly establish an elevation hold for a target of a known size at a given range. These increments are in 0.1 mil and start at .5 from the outside and go up to 1 mil at the primary vertical stadia.

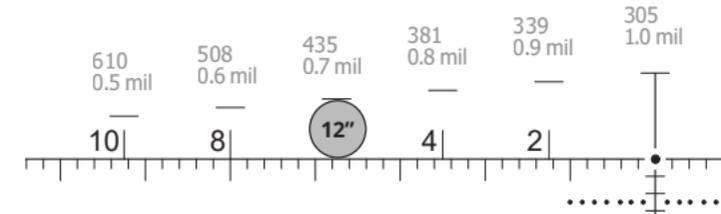
Using a 12" target diameter, place the target between the primary horizontal stadia line and the reference mark. Where the target best fits between the two marks determine the approximate range.

Using the rule of "10" for the Accuracy 1st system (a "10 gun"), the table below provides the approximate elevation hold for each range for the 7.62mmx51 (.308) example.

Range (m)	Drop (mil)
381	2
435	3
508	4
610	5

Example

The 12 inch diameter target (in illustration on next page) fits best between the main line and the first reference mark off center. This mark is 0.7 mils above the primary horizontal stadia and equals an approximate 435m range to target.



Quick elevation adjustment calculation: Using the rule of "10" for the Accuracy 1st system for the example 7.62mm rifle system:

1. Estimate the target range using the ranging scale, in this case 0.7 mils equals 435 meters.
2. Take height of the target in mils and drop the decimal, 0.7 become 7.
3. Enter into this equation $7 + _ = 10$
4. The approximate elevation hold for this example is 3 mil since $7+3=10$

NOTE 1: Contact Horus Vision for questions regarding the Accuracy 1st Speed Shooting formula for other calibers and environmental factors (determining your "gun number").

NOTE 2: For a "10 gun" the lead hold value below the rapid range bar from the 0.8 mil rapid range bar/4 mph lead hold out from the primary vertical stadia is used for fast calculation of your elevation hold. Simply bracket the target, then divide the corresponding mover mph value by 2 for your elevation hold. This does not apply to the 0.9 mil, 2 mph reference.

- Example: A 12" target fits between main horizontal stadia and the 0.7 mil rapid range bar. The corresponding Lead hold is 6 mph. $6 \div 2 = 3$ mil elevation hold.