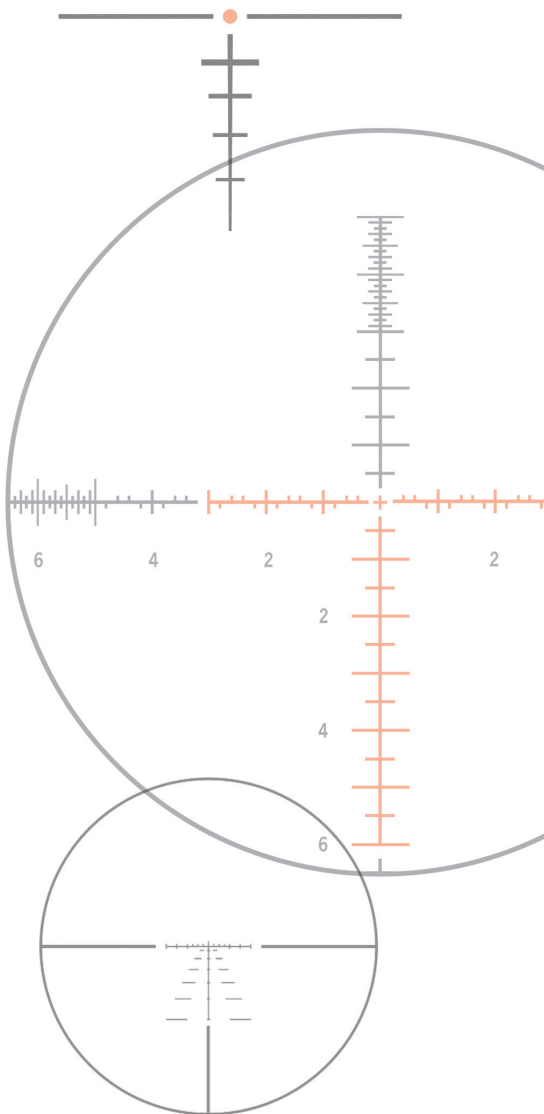


STEINER RETICLE GUIDE



STEINER 
Nothing Escapes You

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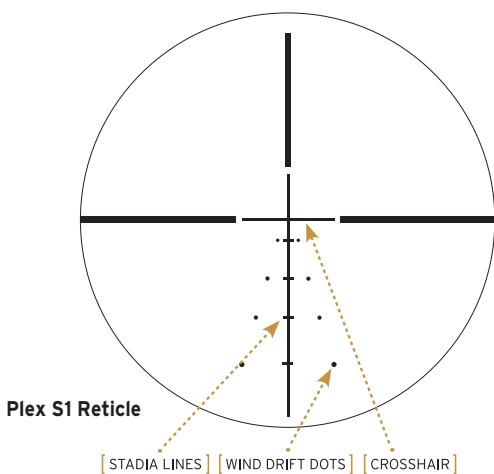
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INTRODUCTION

Steiner is one of the largest manufacturers of high-quality optics in the world. Steiner riflescopes are German engineered and made for hunters and precision shooters who demand the best. These scopes are optically and mechanically superior to scopes that cost thousands more.

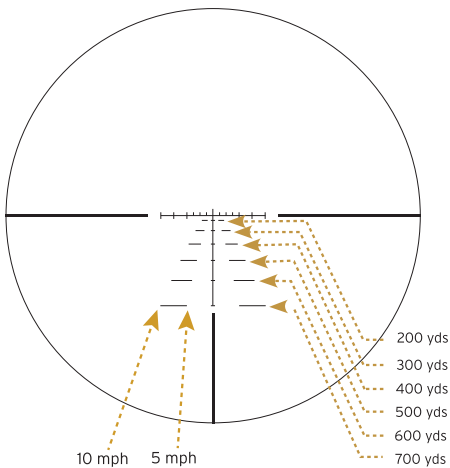
We offer a variety of reticle designs for both hunting and precision shooting. This guide explains the reticles that we offer, how to best use them for more precise aiming, and how to adjust for holdover at long distances and hold-off for wind.

STEINER PLEX S1 / S7 RETICLES



The Steiner Plex S1/S7 reticles provide a simple, uncluttered and easy-to-use solution for determining holdover and wind drift. For calculating wind drift, the Plex S1 reticle has a series of small cascading dots placed to the left and right of the reticle. These dots represent the effect of a 10 mph crosswind for most big game hunting cartridges. For a 5 mph crosswind, simply hold into the wind half the distance to the dot. If the crosswind is 20 mph, simply hold into the wind twice the distance from the center post to the dot.

The S7 reticle is calibrated specifically for the .22-250 caliber, but it is easily adapted to most cartridges. The Steiner Plex S7 reticle features a series of lines that are calibrated for 5 and 10 mph crosswinds. If the crosswind is 5 mph, use the inside edge of the line. For a 10 mph crosswind, the outside edge will accommodate the wind drift.



Plex S7 Reticle

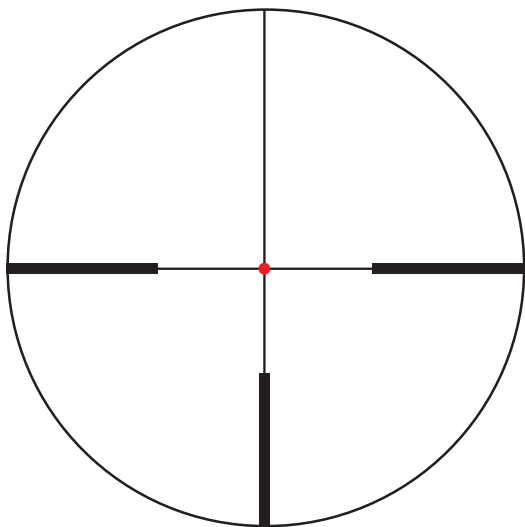
If you know the distance to your target and the speed of the wind, you can quickly determine the correct aiming point to compensate for both bullet drop and drift. The Steiner Plex S1/S7 reticles are much more accurate than guessing holdover or hold-off. They can also be faster and more reassuring to most shooters than using target-type adjustments.

The nature of ballistics is such that everything is theoretical and if any one of the variables changes (altitude, temperature, barometric pressure, humidity, bullet design, barrel length, chamber fit, seating depth, etc.) so does the ballistic table.

For maximum accuracy, practice at long ranges under similar conditions to those you will experience in the field. For maximum accuracy at long ranges, instead of sighting in at 100 yards using the center of the reticle, sight in at a longer range such as 400 yards using the 400-yard ballistic line. This will decrease the amount of long-range error that can occur under various environmental conditions, or when slightly under-estimating point-of-impact at shorter ranges.

STEINER 4A / 4Ai RETICLE

The 4A and 4A-I reticles have three posts and a center dot for quick, uncluttered target acquisition. On the 4A-I the center dot is illuminated for use in low light. This reticle is very popular in Europe where much of the big game hunting is done at night and in very low light. The standard 4A is well suited for big game hunting and varmint shooting.

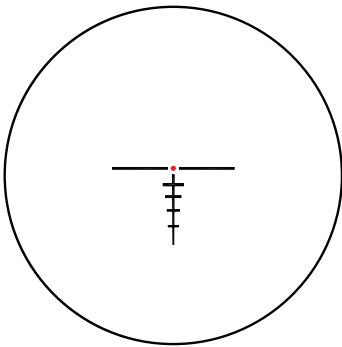


4Ai Reticle

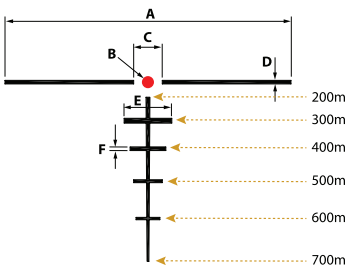
RAPID DOT 5.56 / 7.62 RETICLE

The Rapid Dot Reticle was designed for tactical riflescopes and works extremely well in close combat situations where fast target acquisition is critical. Paired with a true 1x magnification optic, it can be shot at low magnification with both eyes open for situational awareness. Stadia lines below the center crosshair are calibrated for specific calibers so that the shooter can engage targets accurately out to 700 meters.

This reticle is ideal for AR/M4 platforms and is perfect for 3-Gun competitions.



Rapid Dot Reticle



E - .5m @ indicated distance
F - 5cm @ indicated distance

Ballistics @5x 7.62 cal 150 grain FMJ 2750 fps
 Ballistics @5x 5.56 cal 62 grain SS109 2680 fps

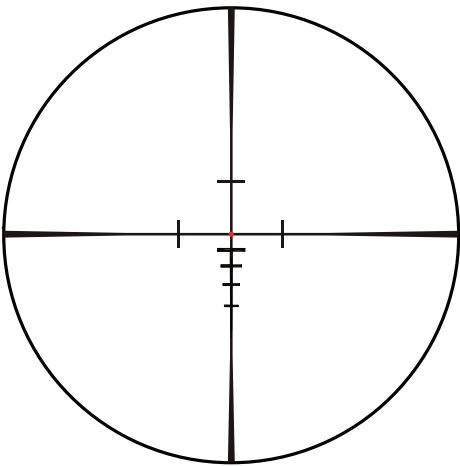
RAPID DOT 5.56, 7.62 RETICLE RETICLE SUBTENSIONS

UNIT	mRad	cm/100m	in/100yd
A	10	100	36
B	0.4	4.0	1.4
C	1.0	10	3.6
D	0.13	1.3	0.47

3TR™/P3TR™ RETICLE

The 3TR and P3TR reticles were designed for tactical riflescopes and CQB situations. Both offer a true 1x magnification and daylight viewable illumination with 11 magnification levels: 7 night/4 day. Each reticle has stadia lines below the crosshair so that the shooter can engage targets accurately out to 600 meters.

The 3TR is available in two configurations for either 5.56 or 7.63 caliber ammo. On the P3TR the subtentions have been averaged so that it works well with either 5.56 and 7.62 caliber ammo. Both reticles are calibrated for a 200-yard zero.



3TR/P3TR Reticle

3TR 7.62

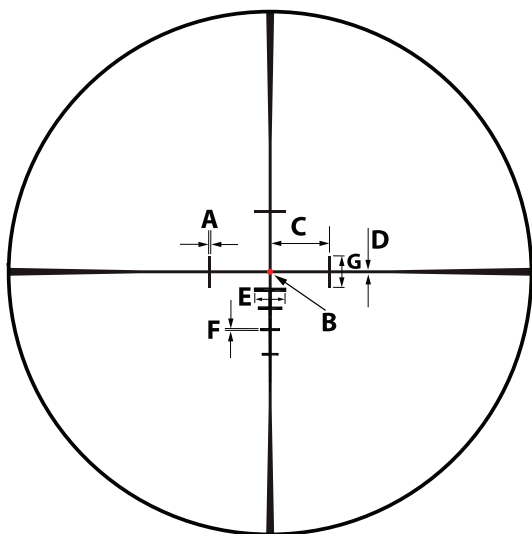
RANGE (yd)	Elevation MOA
200	0.00
300	3.00
400	6.25
500	10.25
600	14.50

3TR 5.56

RANGE (yd)	Elevation MOA
200	0.00
300	2.25
400	5.25
500	8.75
600	13.00

P3TR

RANGE (yd)	Elevation MOA
200	0.00
300	2.625
400	5.75
500	9.5
600	13.75



P3TR/3TR RETICLE RETICLE SUBTENSIONS

UNIT	mRad	cm/100m	in/100yd
A	0.15	1.5	0.54
B	0.21	2.1	0.76
C	5.000	50	18.00
D	0.21	2.1	0.76
G	1.00	10	3.60

E .5 m @ Indicated Distance

F 5 cm @ Indicated Distance

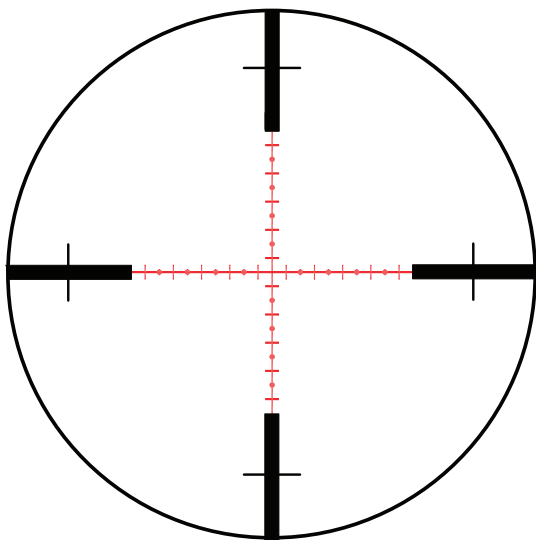
*200-Yard Zero

*5.56mm NATO 62 gr SS109 @ 3,100 fps

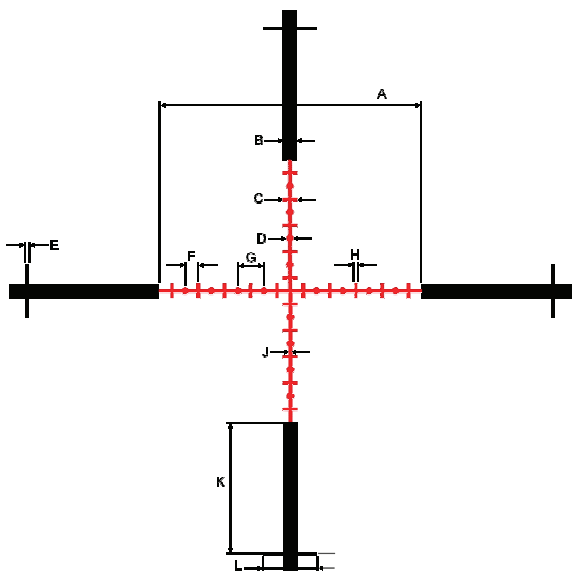
*7.62mm NATO 175 gr M118LR @ 2,580 fps

G2B MIL-DOT RETICLE

This reticle is a popular choice for precision shooters who engage targets at long distances. It is a mil-based reticle with ballistic hash marks between mil dots for more precise aiming, for determining distance to targets and for determining holdover and hold-off for wind. The center section of the reticle is illuminated with 11 levels of light intensity making the reticle easier to view during daylight and nighttime operations. The lowest levels can also be used with night vision devices.



G2B Mil-Dot Reticle



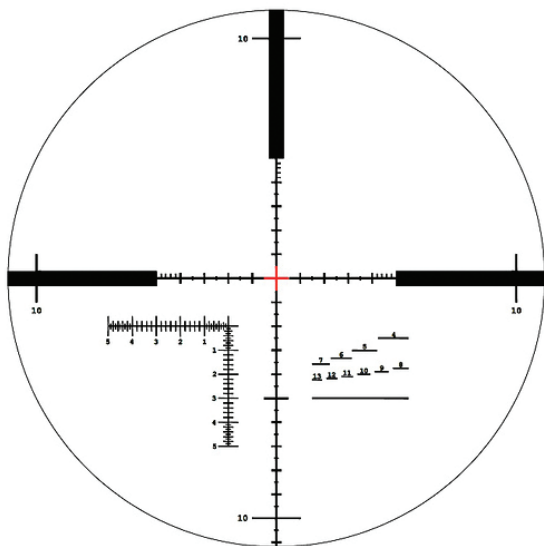
MIL-DOT RETICLE RETICLE SUBTENSIONS

UNIT	mRad	cm/100m	in/100yd
A	10	100	36
B	0.5	5.0	1.8
C	0.5	5.0	1.8
D	0.2	2.0	0.72
E	0.06	0.6	0.22
F	0.5	5.0	1.8
G	1.0	10	3.6
H	0.06	0.6	0.22
J	0.06	0.6	0.22
K	5.0	50	1.8
L	2.0	20	7.2

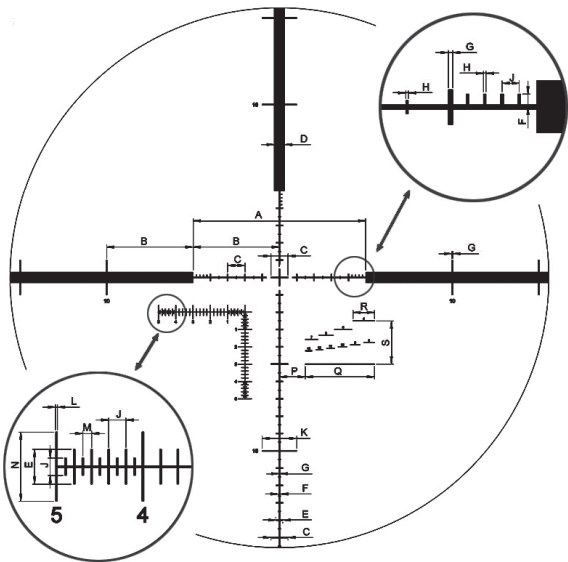
MSR RETICLE

The Multi-Purpose Sniper Reticle is a mil-based reticle that was initially designed for snipers but has become very popular with precision, long-range shooters. The reticle is divided into three parts that include the main reticle, a fine milling scale in the lower left quadrant, and a rapid ranging scale in the lower right quadrant.

Located on the first focal plane, it also features an illuminated center crosshair. The vertical and horizontal hairline offers a continuous 1mil scale with 1/2-mil division marks for precise aiming.



MSR Reticle



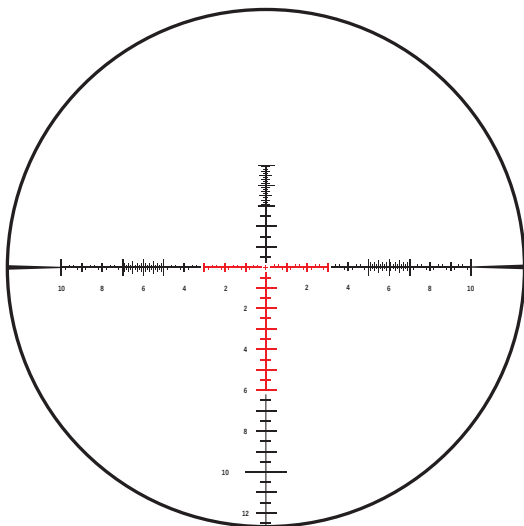
MSR RETICLE RETICLE SUBTENSIONS

UNIT	mRad	in/100yd	cm/100m
A	10	36.0	100.0
B	5.0	18.0	50.0
C	1.0	3.6	10.0
D	0.6	2.17	6.0
E	0.4	1.45	4.0
F	0.15	0.55	1.5
G	0.05	0.18	0.5
H	0.03	0.11	0.3
J	0.2	0.72	2.0
K	1.0	3.6	10.0
L	0.02	0.07	0.2
M	0.1	0.35	1.0
N	0.8	2.87	8.0
P	1.5	5.4	15.0
Q	4.0	14.4	40.0
R	1.25	4.5	12.5
S	2.5	9.0	25.0

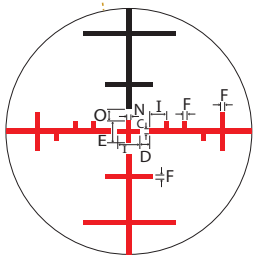
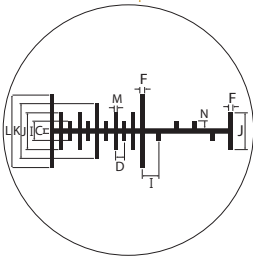
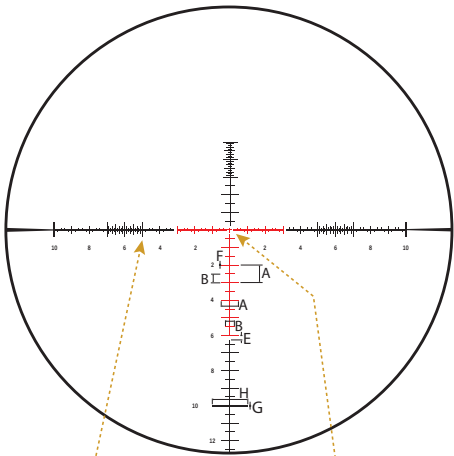
SCR™ RETICLE

Steiner's Special Competition Reticle (SCR) is a proprietary reticle designed by Steiner for precision competition use. An extended illumination area lets the shooter engage targets at long distance even in low light. The vertical crosshair features 1/2-mil marks for distance holdover. The horizontal crosshair offers 1/2-mil and 2/10-mil lines for windage hold-off.

For precise distance ranging, the reticle offers 1/10-mil ranging brackets at the top, left and right extremes of the crosshair.



SCR™ Reticle



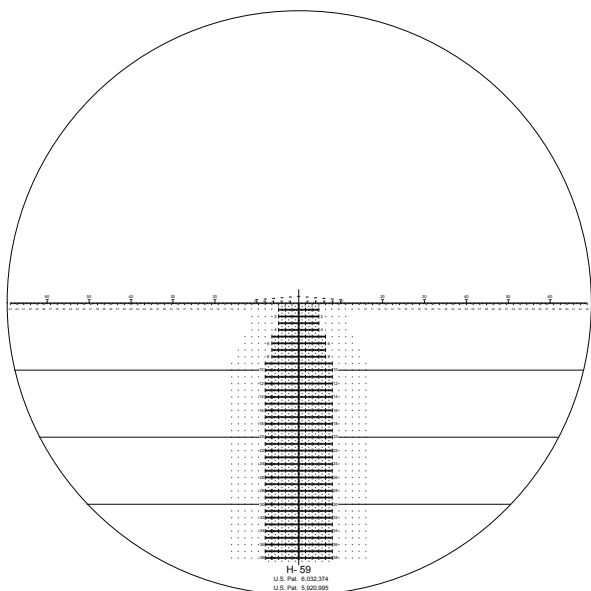
SCR

SCR RETICLE RETICLE SUBTENSIONS

UNIT	5x-25x Mils	cm	in. @ 100 Y	MOA	3x-15x Mils	cm	in. @ 100 Y	MOA
A	1.00	10	3.60	3.44	1.00	10	3.60	3.44
B	0.50	5	1.80	1.72	0.50	5	1.80	1.72
C	0.035	0.35	0.13	0.12	0.05	0.35	0.18	0.17
D	0.10	1	0.36	0.34	0.10	1	0.36	0.34
E	0.25	2.5	0.90	0.86	0.25	2.5	0.90	0.86
F	0.10	1	0.36	0.34	0.13	1	0.45	0.43
G	0.08	0.8	0.29	0.28	0.08	0.8	0.29	0.28
H	2.00	20	7.20	6.88	2.00	20	7.20	6.88
I	0.20	2	0.72	0.69	0.20	2	0.72	0.69
J	0.40	4	1.44	1.38	0.40	4	1.44	1.38
K	0.60	6	2.16	2.06	0.60	6	2.16	2.06
L	0.80	8	2.88	2.75	0.80	8	2.88	2.75
M	0.02	0.2	0.07	0.07	0.04	0.2	0.14	0.14
N	0.03	0.3	0.11	0.10	0.04	0.3	0.14	0.14
O	0.125	1.250	0.45	0.43	0.125	1.250	0.45	0.43

HORUS H59 RETICLE

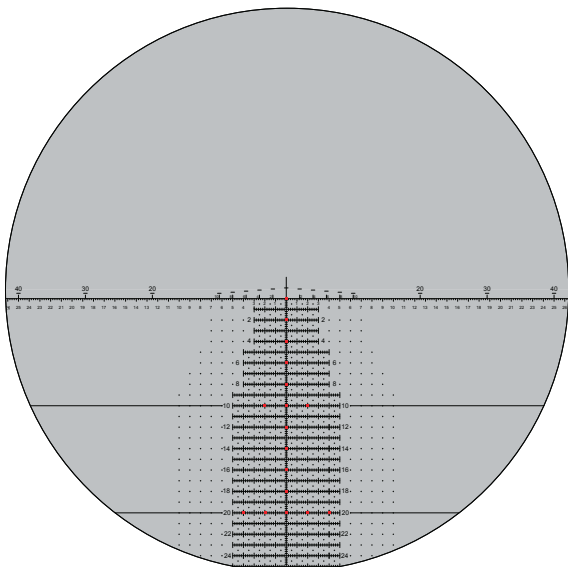
Licensed from Horus Vision, the H59™ reticle is a “field-tuned” version of the H58 that is designed for speed shooting out to 600 meters. The Horus Grid lets you visually place the target on the appropriate horizontal and vertical grid lines to correct for elevation and windage visually without turning knobs or counting clicks. The H59 reticle is also illuminated for use in twilight and low light conditions.



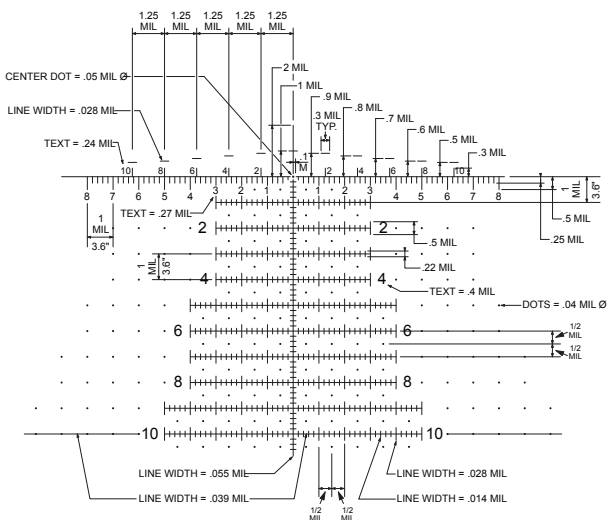
Horus H59™ Reticle

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ILLUMINATION PATTERN



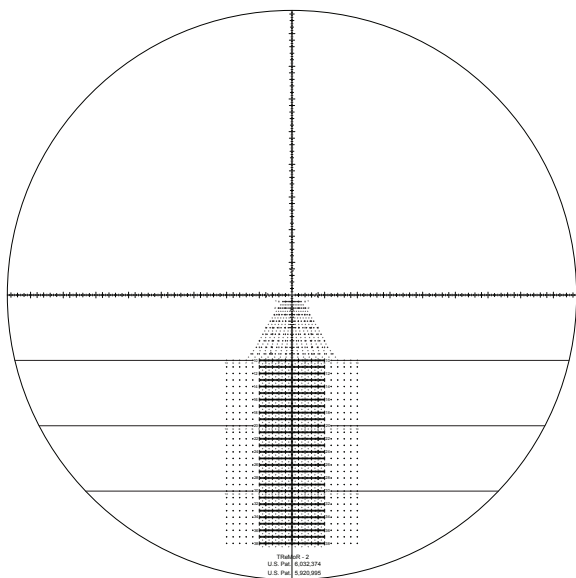
SPECIFICATIONS



HORUS TREMOR2™

The TREMOR2™ reticle is all about faster shooting. It's field-proven to make wind calls easier. The open field of view above center reticle allows clear observation and spotting. The very fine reticle design aids in precise aiming at high power and distant ranges. Refined "chevron" mil markers subtend to 0.1 mils and versatile marker groupings occur throughout the reticle making it easier to measure targets.

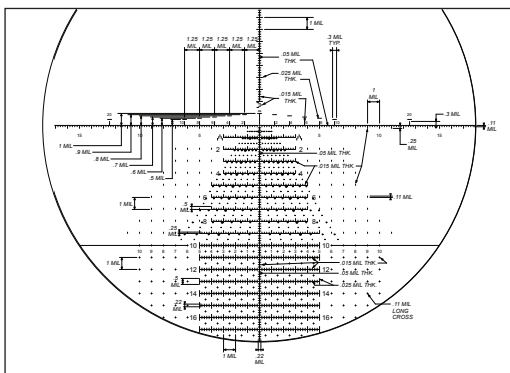
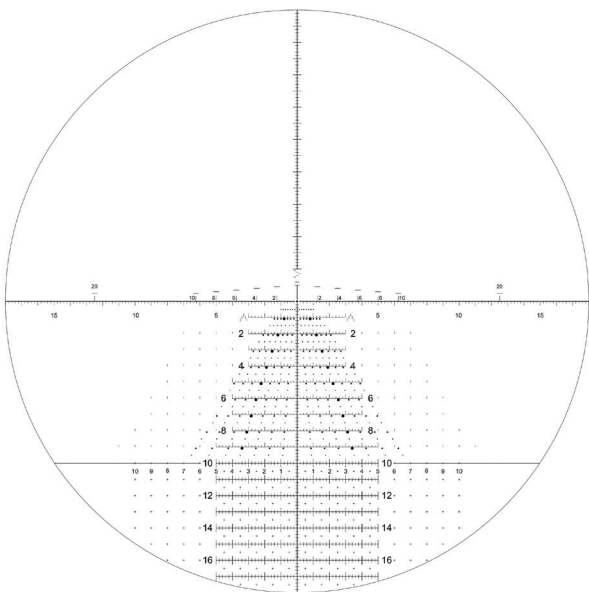
Drop line numbers 1-9 serve as 4-mph Moving Target Holds.



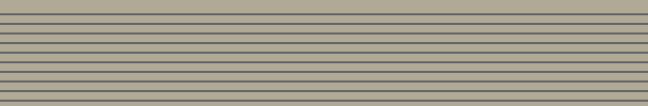
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HORUS TREMOR3™

The TREMOR3™ reticle is similar to the TREMOR2™ with a mil grid that can be used for windage and elevation. What sets the T3 apart are wind holds that are built-into the reticle grid. The Wind Dots give the shooter the ability to visually quantify the wind's effect on the bullet. They are located on the bottom half of each horizontal mil stadia. Wind dots are caliber specific and can be calibrated using a Kestrel with Horus ATrag software.



NOTES



CUSTOMER SERVICE

Your Steiner optics are backed by a commitment to optimum performance and your complete satisfaction - today, every day, for generations to come. Any questions or concerns will be quickly addressed by experts at our national headquarters in Greeley, Colorado. Call us Monday through Friday from 8:00am to 5:00pm MST or email us anytime. Before sending in a product for repair, please complete the Repair Request Form found on our website at Steiner-Optics.com/repairs.

To post ideas, comments or suggestions, go to our Facebook page. We always welcome your input!

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54 out of 56 (96%) reviewers recommend this product

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