

F1 RETICLEMD2.0™



NIGHTFORCE®

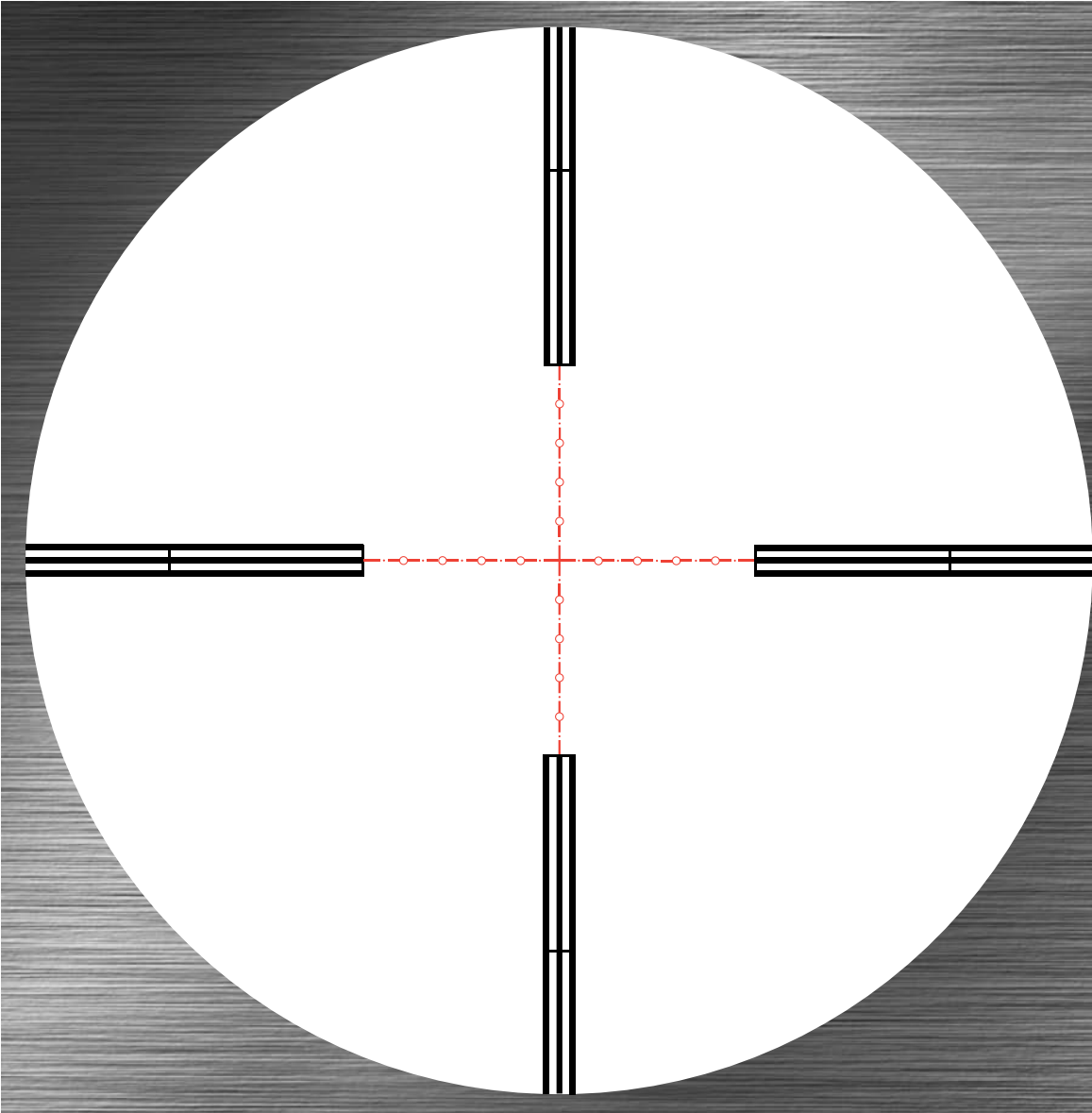
Available in:

Nightforce 3.5-15x50 F1 NXS™ first focal plane riflescopes

See-through dots do not obscure small targets at long ranges

1 mil spacing between dots

Fine aim point every .5 mils between dots



Red indicates illuminated portion of reticle

Applications:

Field tactical

Tactical competition

Long-range shooting

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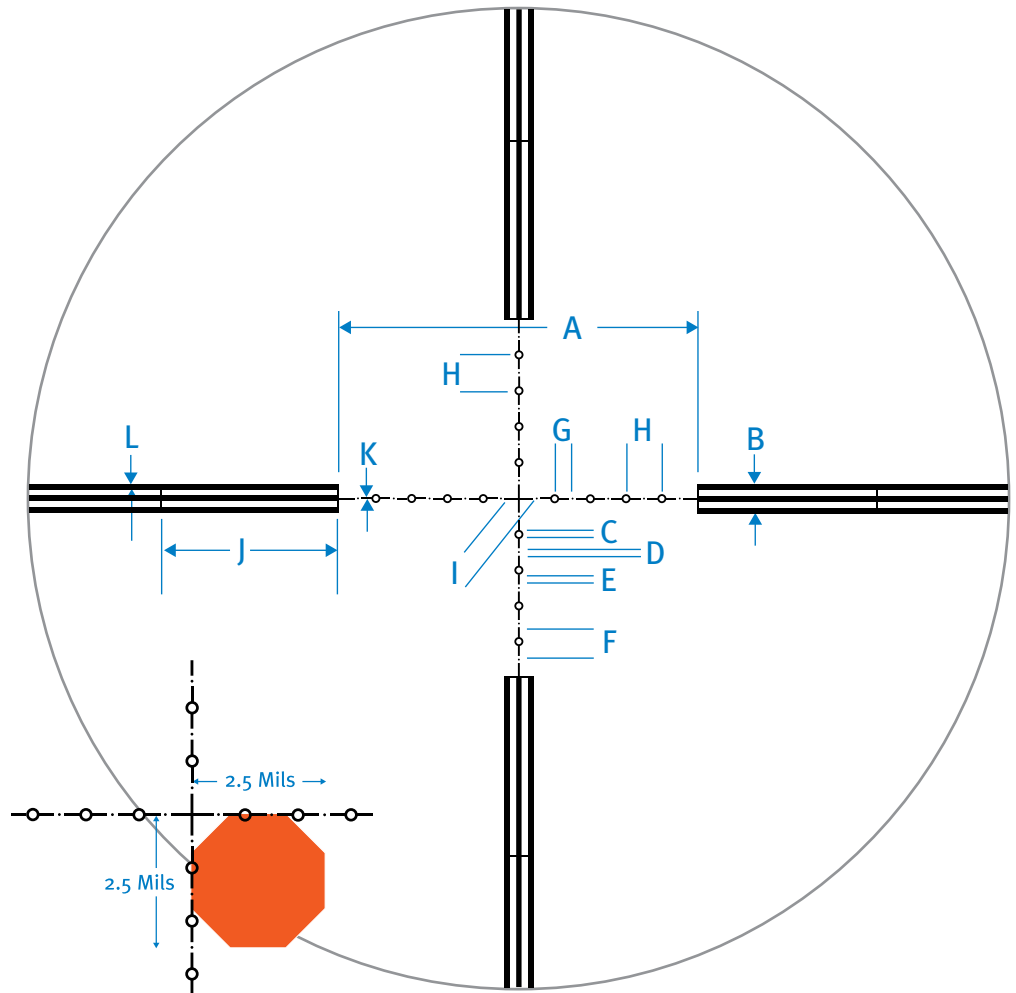
With vastly greater precision and more options for the shooter compared to ordinary mil-dot reticles, the MD2.0™ was designed specifically for the Nightforce 3.5-15 x 50 F1 NXS™ first focal plane riflescope. A first focal plane reticle remains in the same visual proportion to the target throughout the riflescope's entire magnification range. This allows for precise target leads, hold-offs and rangefinding capabilities at any magnification setting.

See-through round dots, spaced at one mil, will not obscure small targets at long ranges. Unlike other mil-dot designs, every .5 mil spacing between dots on the MD2.0™ has a fine aiming point.

Easy-to-distinguish segments of 0.8, 0.5, 0.3, and 0.2 mils allow highly precise target leads, holds, and rangefinding at any magnification setting. The four posts allow centering the target quickly, especially in poor light conditions, and are also a see-through design.

The MD2.0™ provides a versatile, mil-radian-based reticle that will excel in a wide range of applications and field situations.

- Designed for maximum performance in Nightforce 3.5-15 x 50 F1 NXS™ first focal plane riflescopes
- Improved visibility in low light
- Reticle subtension remains in proportion to the target across the entire magnification range
- Illumination standard



Reticle subtensions	
A	10.0 MILS / 34.378 MOA
B	0.8 MIL / 2.750 MOA
C	0.2 MIL / 0.688 MOA
D	0.2 MIL / 0.688 MOA
E	0.3 MILS / 1.031 MOA
F	0.8 MIL / 2.750 MOA
G	0.5 MIL / 1.719 MOA
H	1.0 MIL / 3.438 MOA
I	0.8 MIL / 2.750 MOA
J	5.0 MIL / 17.189 MOA
K	0.06 MIL / 0.205 MOA
L	0.15 MIL / 0.515 MOA

Range estimation

The Nightforce MD2.0™ reticle can provide you with an accurate distance to your target, when the size of the target is known, by utilizing one of the the following Mil relation formulas:

Target Size in Inches ÷ Image Size Measured in Mils in Reticle x 27.77 = Distance in Yards

Target Size in Inches ÷ Image Size Measured in Mils in Reticle x 25.4 = Distance in Meters

Target Size in Centimeters ÷ Image Size Measured in Mils in Reticle x 10.93 = Distance in Yards

Target Size in Centimeters ÷ Image Size Measured in Mils in Reticle x 10 = Distance in Meters

For example, a standard stop sign measures 30" tall x 30" wide. Knowing the size of the target, in this case, a stop sign, and applying the correct formula above, you will be able to accurately calculate the distance to your target.

1. Known target size = 30"
2. Image size = 2.5 Mils. To measure image size of target in Mils, refer to the reticle diagram above.
3. Divide target size (30") by image size in reticle (2.5) = 12
4. For distance in yards, multiply 12 x 27.77 (constant) = 333.24 yards to target.
5. For distance in meters, multiply 12 x 25.4 (constant) = 304 meters to target.

Your ability to accurately measure your target in your reticle does take some practice to become proficient.

