

ZERO COMPROMISE OPTIC™

MPCT2X Reticle Design

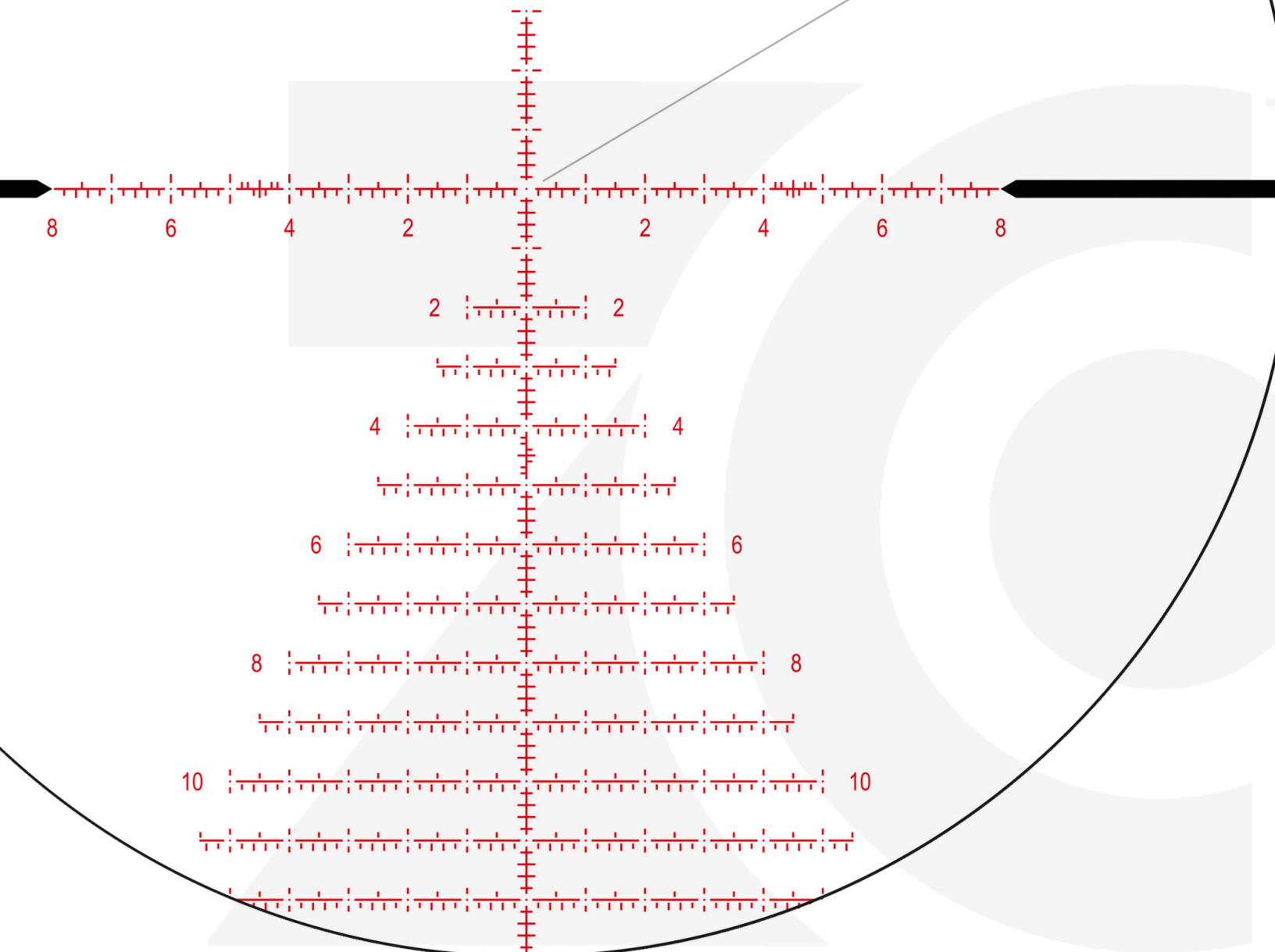
At Zero Compromise Optic we strive to stay on top of industry trends and keeping an ear open to what our customer base is asking for. When we first developed our original reticles, the MPCT1 and MPCT2, they were highly advanced and represented what customers were looking for at that time. Over the last couple of years, some new trends have emerged, and we've been following these ideas with interest and analyzing how our own products can be improved. While our original MPCT2 reticle is still very popular, we felt that we could make it even better and more in line with our shooters demands. So, how exactly did we improve on one of the best reticles in the industry?



MPCT 2X

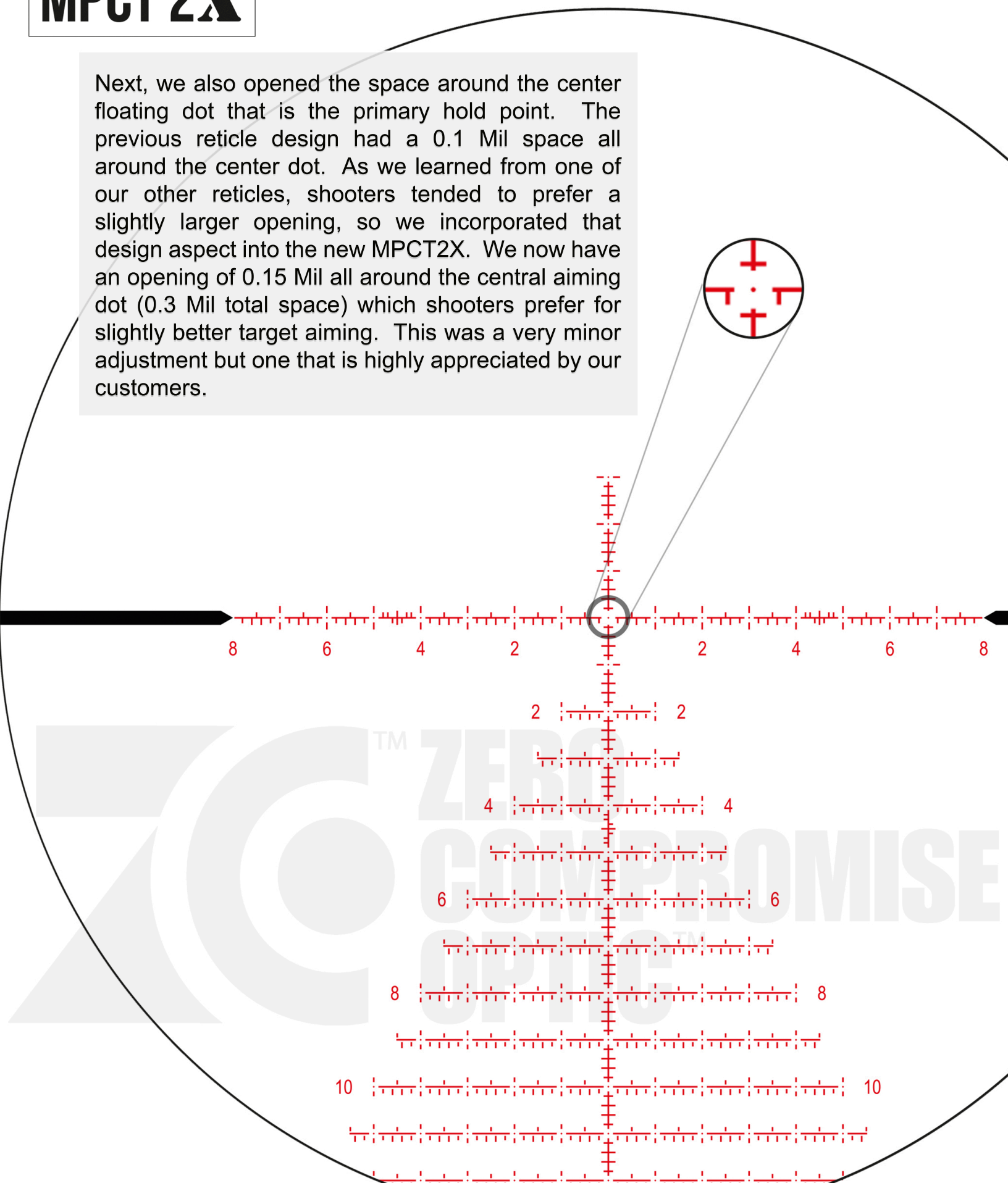
First, we minimized the vertical cross hair that extends from the main crosshair up through the 12:00 in the Field of View (FOV) on the original MPCT2. Our customers have been asking for this portion of the reticle to be eliminated to clear up the upper half of the image. On the MPCT2X, shooters still need some hold-under capability, so we kept the vertical crosshair up to 3.0 Mils above center. This provides a significant amount of hold-under capability while keeping the top half of the FOV as clear as possible to be better able to see bullet trace or for target observation.

MPCT 2



MPCT 2X

Next, we also opened the space around the center floating dot that is the primary hold point. The previous reticle design had a 0.1 Mil space all around the center dot. As we learned from one of our other reticles, shooters tended to prefer a slightly larger opening, so we incorporated that design aspect into the new MPCT2X. We now have an opening of 0.15 Mil all around the central aiming dot (0.3 Mil total space) which shooters prefer for slightly better target aiming. This was a very minor adjustment but one that is highly appreciated by our customers.

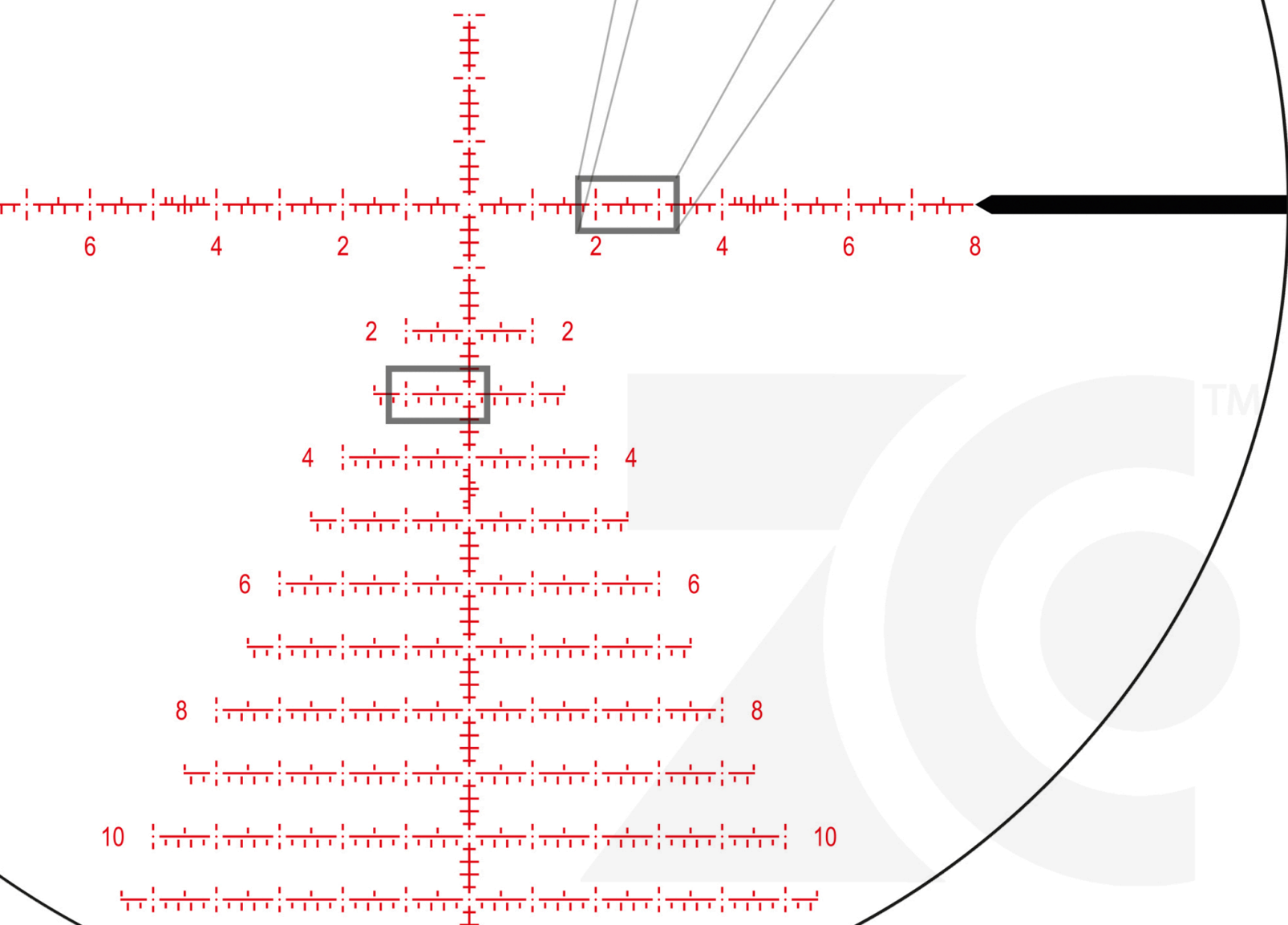


Third, we completely redesigned our windage hold brackets along the primary horizontal crosshair as well as throughout the entire tree portion of the reticle. The original MPCT2 design had 0.2 Mil spaced marks throughout nearly the entire reticle. It did have one portion within the first Mil left and right that incorporated a single 0.5 Mil mark which shooters really liked. The new MPCT2X utilizes this design feature throughout the entire reticle, having a mark at every 0.5 Mil point along the top edge of every horizontal bar. We maintained the 0.2 Mil spacing along the bottom edges which makes this reticle even more versatile and fast to use. As an added advantage, we incorporated different line lengths to help visual identification of these marks as well. The 0.2 Mil mark is “short”, the 0.4 and 0.6 Mil are slightly longer, and the 0.8 Mil mark is also “short”. Now shooters have a reticle that is fast to use and adaptable to shooter preference regarding windage hold points. Not only can a shooter make very precise wind holds, but rapidly finding that exact hold point is much faster and easier due to the visual distinction and 0.5 Mil mark along the top edges.

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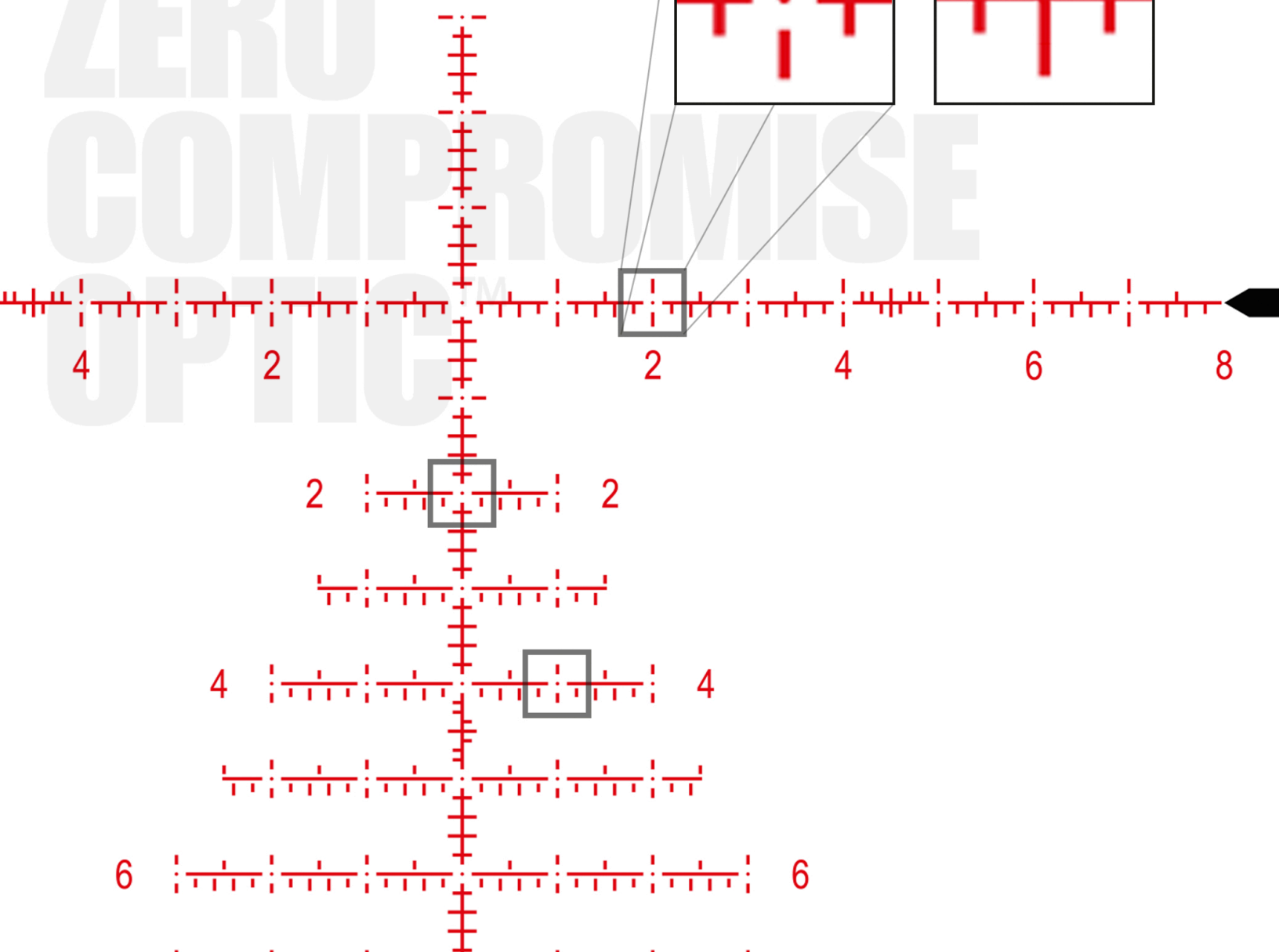
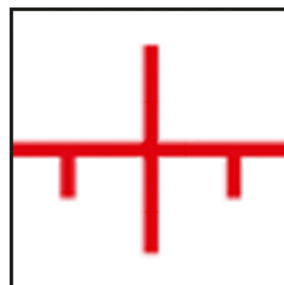
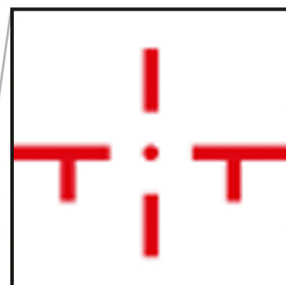
MPCT 2



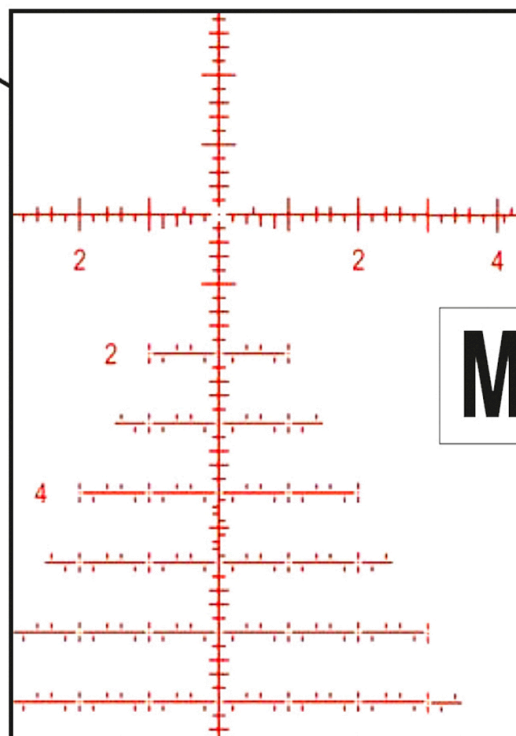
Our fourth design change with the MPCT2X was integrating floating dots at every whole Mil point throughout the reticle. This design aspect makes the whole Mil points even faster to acquire or count because there is an obvious visual cue. Additionally, the floating dots make these hold points much better for precision. Not only can you place the dot exactly where you want on the target, but these points have a 0.1 Mil space around them, so making a very fine wind or elevation hold of 0.1 Mil correction is easily accomplished. And there are still marks at 0.2 Mil from the floating dots, so ease of use and precision are enhanced. For example, if a shooter was engaging small targets and doing their best to center up the impacts, a small correction of 0.1 Mil is much easier to accomplish as opposed to “hold just a little bit more” for wind.

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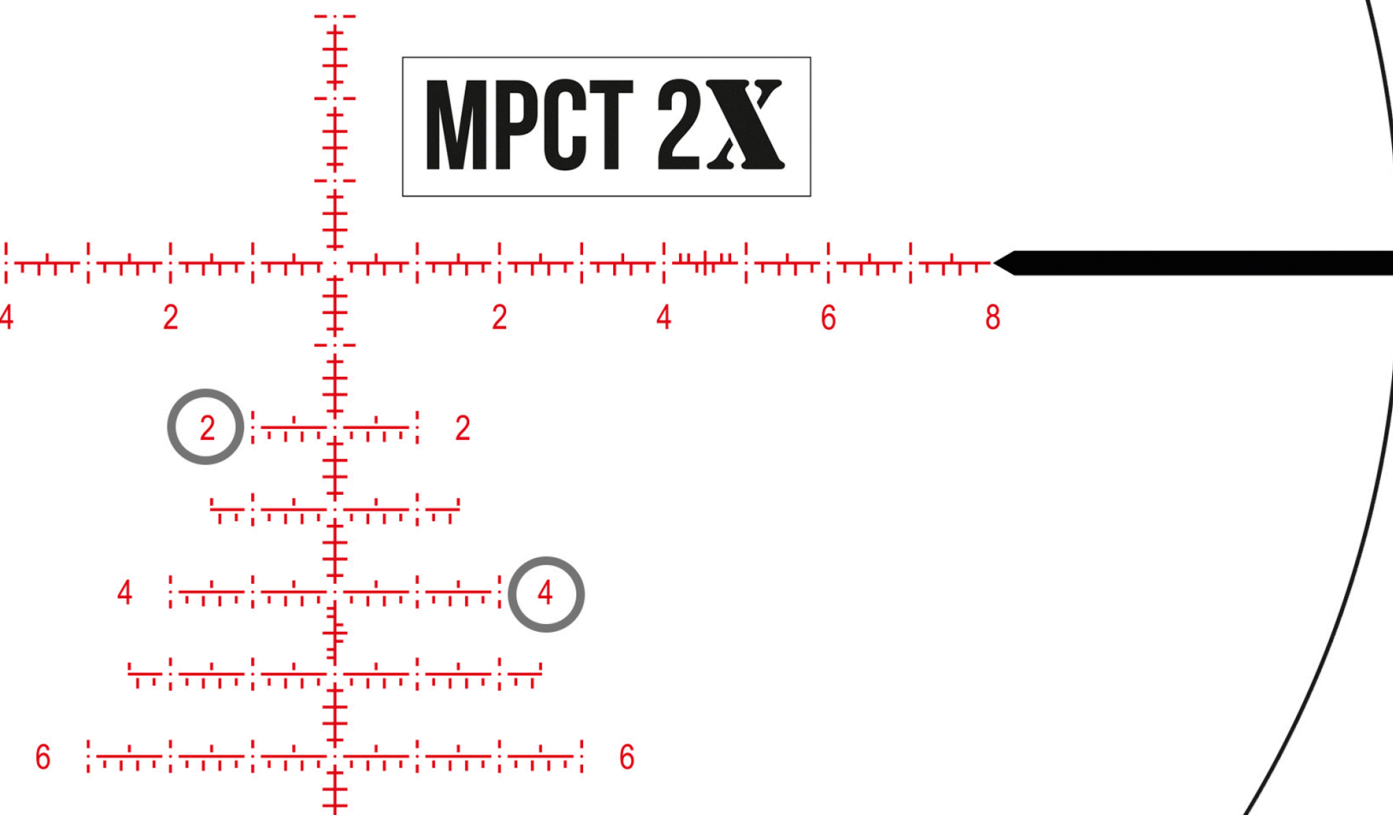
MPCT 2



Fifth, we included elevation hold numbers down both sides of the tree on the MPCT2X reticle. This wasn't an area we received many requests to change, but is one that we felt made a lot of sense to aid in faster elevation holds when needed. Our previous reticle only had the numbers down the left side so when a shooter needed to hold elevation and wind on the right side of the tree, their eye would have to track over to the left side of the reticle to verify the proper elevation line hold. This slowed down the process, so adding numbers to both sides of the tree was a very logical modification for the MPCT2X.



MPCT 2X



We hope this article helps explain the differences with this new MPCT2X reticle from ZCO. Every one of these enhancements is meant to make this reticle the most user friendly and rapid reticle on the market. Our original MPCT2 was already a major success for the competition shooter and this new MPCT2X reticle takes that success to a higher level. Contact your dealer today to get one ordered.