

# Reliability in every situation.



**ZEISS Conquest V4 Riflescopes**

[www.zeiss.com/hunting/v4](http://www.zeiss.com/hunting/v4)



Seeing beyond





**Out in nature, hunting conditions are often harsh.**  
You always need a companion you can count on – in every situation.

And that's exactly what you'll find at ZEISS. ZEISS premium products are high-precision tools that reliably demonstrate your impressive skills even in the toughest conditions. This applies not only in hunting scenarios, but also in the laboratory. All ZEISS optics are exhaustively tested to ensure

their endurance and their suitability for everyday use. The stringent testing procedures ensure faultless performance in the tough conditions of everyday hunting, making it possible to act and react with supreme confidence in every hunting situation.



# Taking reality to the extreme.

Ruggedness and reliability, confirmed by testing.

Our testing procedures push ZEISS hunting optics to the absolute limit. To guarantee the reliability of our products in the harsh conditions of hunting, we subject them to numerous tests that simulate intense stresses and loading factors.



The V8 in the shock simulation test. Even after 800 shocks, the group remains unchanged.



The optics are covered in a layer of ice when they come out of the cold chamber.



The V6 in aggressive salt spray.

## Shock test with a *g*-force up to 1,500

When you're out hunting, the optics are exposed to extreme forces whenever shots are fired with the variety of different calibres. To simulate this kind of shooting load, the ZEISS riflescopes are tested with over 800 shocks at a *g*-force of up to 1,500. 1,500 *g* corresponds to the shooting load of the .460 Weatherby Magnum calibre.

## Temperature shock

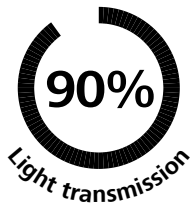
From the heat of the hut to the bitter cold of the outdoors, or hours in the blazing sun – ZEISS hunting optics operate reliably in extreme climatic conditions. Exhaustive testing is undertaken in the climate chamber, where ZEISS optics are pushed to the limits of the materials. That means freezing down to -40 °C and temperature shocks from -25 °C to 50 °C within a few minutes.

## 24 hours in salt spray

When you go hunting, your optics are often exposed to aggressive liquids such as hand sweat and cosmetics. But thanks to a high-quality seal, these don't stand a chance against ZEISS optics, which have been demonstrated in laboratory tests: side by side with metal test strips, ZEISS optics were stored in an aggressive salt water spray for 24 hours. While the test strips were covered in rust, the optics were entirely unfazed.



# ZEISS Conquest V4 riflescopes at a glance.



The Conquest V4 line of high-performance riflescopes combines the tried-and-true ZEISS optics concept with a rugged and functional design. Their compact design and perfect balance between a wide field of view and large magnification range is ideal for all types of hunting. The V4 models are equipped with a 4× zoom and functional, high-precision, and fully reliable mechanical components.

Special models have a ballistic turret with a wide reticle adjustment range (elevation and windage). As a result, the hunter has the flexibility needed for a variety of different hunting methods. Optional ballistic reticles are also available that allow the hunter to quickly make elevation and windage corrections with no mechanical adjustment necessary.



## V4 1-4×24

The ZEISS Conquest V4 1-4×24 has proven to be the perfect riflescope for short-range hunting and situations which require the hunter to rapidly acquire the target. The up to 4× magnification is a clear advantage over simple red dot sights.



New!

## V4 3-12×44

The balance between its wide field of view and magnification range make this compact riflescope ideal for all types of hunting.



#### **V4 3-12×56**

The Conquest V4 3-12×56 is suitable for hunting from a high seat at dusk and at night. Thanks to the large-diameter lens and illuminated reticle, high accuracy is guaranteed – even in low light conditions.



#### **V4 4-16×44**

Thanks to its compact and lightweight design, the Conquest V4 4-16×44 is ideal for active hunting and hunting in the mountains. Its zoom range makes this V4 the perfect choice for medium and long-distance shots.



#### **V4 4-16×50**

Thanks to its zoom range, the Conquest V4 4-16×50 is the perfect choice for daily use over medium and long distances in difficult lighting conditions. With its 16× setting, you can easily recognize every detail and therefore always accurately identify the animal.

**New!**



#### **V4 6-24×50**

The 24× magnification of the Conquest V4 6-24×50 and its parallax compensation make this scope perfect for precision shots at long distances.

# High-Quality Optics for even the Toughest Hunting Conditions.

## **ZEISS Conquest V4.**

### **Designed and Engineered in Germany**

Absolute reliability: the mechanical systems stand the test of harsh recoil, extreme temperatures and abusive field conditions.

### **Proven 4x Zoom**

Relevant magnification ranges, with a 4x zoom ratio, provide a high level of versatility across a wide array of applications.



### **Generous Eyebow**

The friendly and forgiving eyebow, coupled with abundant eye relief and the wide field of view, affords the shooter fast and full target acquisition, which helps to enable swift and accurate shot placement.

### **All-New External Locking Windage Turret**

The optional External Locking Windage Turret (ELWT), with windage limiter, supports the user to make easy, super-fast, repeatable, and secure windage adjustments while in the field. Pull out to make an adjustment. Push in to lock the setting. The windage limiter allows for a half rotation left or right of zero. The ELWT changes the rules of the game for long-range.

### **Side Parallax Adjustment and Reticle Illumination Control**

10 yards to infinity on applicable models to ensure absolute best images and most accurate shooting solutions. 10-position rheostat-controlled illumination adjustment.

### **Second Focal Plane Reticle Options**

Available with the traditional plex-style #60 illuminated reticle and Z-Plex #20. Other reticles include the ZEISS MOA-based smart reticles: ZB and ZMOA series. ZEISS has also introduced the newer ZMOAi-20 and ZBi reticles. These reticles feature fine line subtensions to ensure minimum target coverage and maximum target visibility.



### **External Elevation Turret**

Easy to manipulate, positive, tactile and highly repeatable turret, with Ballistic Stop and large range of adjustment, provides the shooter with maximum flexibility needed for challenging targets, no matter how far down range.

### **Optical Performance**

Higher definition glass, enhanced with T\* light transmission coatings and LotuTec protective lens coating, produces 90% to-the-eye light transmission, great low-light performance and excellent target resolution across the entire magnification range. When combined, these features and benefits create a best-in-class experience.

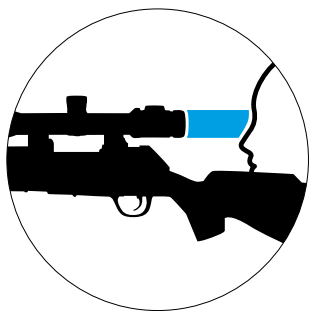


# ZEISS Optics and Mechanics



## 120 Years Experience in developing Hunting Optics.

ZEISS has been a pioneer in riflescopes for hunting. It has secured its pole position thanks to innovations and extremely high-quality standards. Thanks to the best materials and uncompromising manufacturing quality, we can guarantee a level of reliability and ruggedness that is appreciated by hunters around the world. So your shots are exceptionally accurate and extremely precise.



### Comfortable viewing characteristics

The so-called eyebox is the area in front of the eyepiece where the whole image is visible. Due to the size of the ZEISS riflescope's eyebox, this allows for more comfortable observation, a higher tolerance on where to place the eye compared to the eyepiece and faster target acquisition – a crucial advantage on driven hunts and when stalking game, for example.



#### T\*

Multi-layer coating for a bright, crystal-clear and high-contrast viewing image.



#### LotuTec®

For fast and easy cleaning of exposed lens surfaces.





### Optional Ballistic Turrets

Some of the Conquest V4 riflescope models incorporate an external, non-locking, multi-turn elevation turret, with a Ballistic Stop feature. The turret's multi-turn design allows for the maximum use of the riflescope's elevation travel above your established zero. This further allows for greater elevation adjustment range that supports target engagement at longer distances. The ZEISS Ballistic Stop allows for a definitive stop when the turret is returned to zero.



### External Elevation Turret

Easy to manipulate, positive, tactile and highly repeatable turret, with Ballistic Stop and large range of adjustment, provides the shooter with maximum flexibility needed for challenging targets, no matter how far down range.



### Side Parallax Adjustment and Reticle Illumination Control

Adjustable to ensure absolute best images and most accurate shooting solutions. 10-position rheostat-controlled illumination adjustment.



### All-New External Locking Windage Turret

The optional External Locking Windage Turret (ELWT), with windage limiter, supports the user to make easy, super-fast, repeatable, and secure windage adjustments while in the field. Pull out to make an adjustment. Push in to lock the setting. The windage limiter allows for a half rotation left or right of zero. The ELWT changes the rules of the game for long-range.



### Ballistic Stop™

An absolute and ultra-positive return to zero – every time. Made of all-metal construction. No plastic. Select your zero, set the Ballistic Stop, and enjoy a lifetime of repeatability.

# ZEISS Conquest V4

## Fields of Application

### Main use



Driven hunt



Stalking



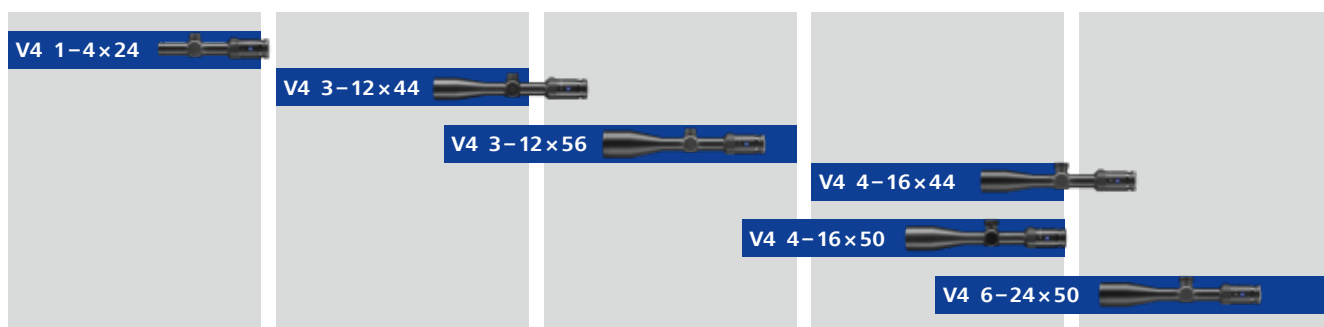
High seat / night



Medium range /  
alpine hunting



Long range



Turret design enables multiple rotations for precise shots at extreme distances. BDC (ASV) not retrofittable.



Multifunction button



Ten-step dot brightness control

## Accessories

### ZEISS Sunshades

44 mm / 50 mm / 56 mm

Help to eliminate harsh glare from the sun while viewing and shooting.



### ZEISS Power Throw Lever

For fast magnification adjustments when speed is a critical factor.



### ZEISS Neoprene Cover

Optimal protection for your target optics. Available in different sizes.





# ZEISS Conquest V4

## Technical Data

| ZEISS Conquest V4 riflescopes |               |                         |            |            |            |            |
|-------------------------------|---------------|-------------------------|------------|------------|------------|------------|
| Model                         | 1–4×24        | 3–12×44                 | 3–12×56    | 4–16×44    | 4–16×50    | 6–24×50    |
| Magnification                 | 1×–4×         | 3×–12×                  | 3×–12×     | 4×–16×     | 4×–16×     | 6×–24×     |
| Effective lens diameter       | 12.1–24 mm    | 44.9–50 mm              | 27.7–56 mm | 33.2–44 mm | 34.5–50 mm | 44.9–50 mm |
| Exit pupil diameter           | 11.9–6 mm     | 7.5–2.1 mm              | 9.2–4.7 mm | 8.5–2.8 mm | 8.5–3.1 mm | 7.5–2.1 mm |
| Twilight factor               | 3.5–9.8       | 16.4–34.6               | 9.1–25.9   | 11.5–26.5  | 11.7–28.3  | 16.4–34.6  |
| Field of view                 | 38–9.5 m      | 5.8–1.5 m               | 12.7–3.2 m | 9.5–2.4 m  | 8.7–2.2 m  | 6.3–1.6 m  |
| Angular field of view, real   | 21.5°–5.4°    | 3.6°–0.9°               | 7.2°–1.8°  | 5.4°–1.4°  | 5.4°–1.4°  | 3.6°–0.9°  |
| Diopter range                 | +2/–3 dpt     |                         |            |            |            |            |
| Eye relief                    | 90 mm         |                         |            |            |            |            |
| Parallax setting              | 91.4 m        |                         |            | 45.7 m–∞   |            |            |
| Adjustment range at 100 m     | 300 cm        | 200 cm                  | 200 cm     | 230×175 cm |            |            |
| Adjustment per click at 100 m | 1.4 cm        | 1/4 MoA (0.7 cm /100 m) |            |            |            |            |
| Centre tube diameter          | 30 mm         |                         |            |            |            |            |
| Eyepiece tube diameter        | 44 mm         |                         |            |            |            |            |
| Lens tube diameter            | 30 mm         | 30 mm                   | 62 mm      | 50 mm      | 30 mm      | 56 mm      |
| Coating                       | LotuTec®      |                         |            |            |            |            |
| Nitrogen filled               | yes           |                         |            |            |            |            |
| Water resistance              | 400 mbar      |                         |            |            |            |            |
| Operating temperature         | –25 °C/+55 °C |                         |            |            |            |            |
| Length                        | 256 mm        | 368 mm                  | 368 mm     | 356 mm     | 368 mm     | 368 mm     |
| Weight without inner rail     | 470 g         | 638 g                   | 610 g      | 640 g      | 652 g      | 690 g      |

## Available Reticles

| Model                           | 1–4×24 | 3–12×44 | 3–12×56 | 4–16×44 | 4–16×50 | 6–24×50 |
|---------------------------------|--------|---------|---------|---------|---------|---------|
| <b>Illuminated Reticles</b>     |        |         |         |         |         |         |
| Reticle 60                      | ●      |         | ●       | ●       |         | ●       |
| ZMOAi-1                         |        |         |         | ●       | ●       | ●       |
| ZBi                             |        |         |         | ●       | ●       | ●       |
| ZMOAi-20                        |        |         |         |         |         | ●       |
| ZMOAi-T20 (thin line)           |        |         |         |         |         | ●       |
| ZMOAi-T30 (thin line)           |        |         |         | ●       | ●       |         |
| <b>Non Illuminated Reticles</b> |        |         |         |         |         |         |
| ZMOA-1                          |        |         |         |         |         | ●       |
| ZMOA-2                          |        |         |         | ●       |         |         |
| ZMOA-T30                        |        |         |         | ●       |         |         |
| ZBR-1                           |        |         |         |         |         | ●       |
| ZBR-2                           |        |         |         | ●       |         |         |
| #20 (Z-Plex)                    |        | ●       | ●       | ●       |         |         |



Find detailed information here

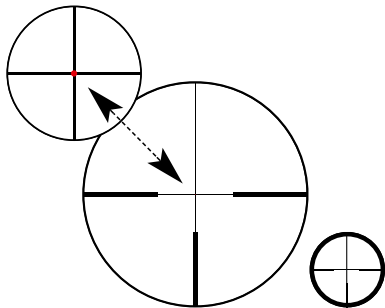
# ZEISS Conquest V4 Reticles

## Reticles for ZEISS riflescopes

ZEISS works constantly on the development of reticles, consistently sets new standards and impresses with incomparably high levels of precision.

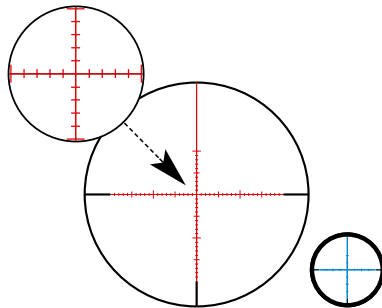
## Illuminated reticles

The ZEISS Conquest V4 line of riflescopes features a very bright illuminated dot and are particularly effective for rapid target acquisition when hunting fast moving game.



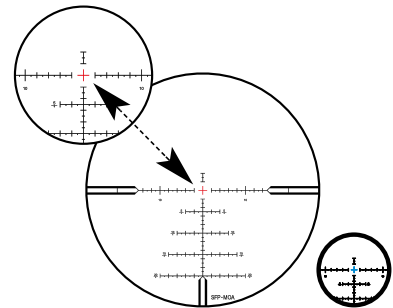
**Reticle 60**

The reticle 60 is lighter and finer than the reticle 40, which was widely used only a few years ago. The bars have only half the subtension of the earlier model and there is twice the amount of free space between them. It is therefore ideally suited for precise shooting with the least possible coverage of the target game. With 12x magnification and a subtension of only 0.55 cm at a distance of 100 m, you always have an excellent overview – no fine details are hidden from view. The illuminated dot is extremely bright and can therefore also be used for daytime hunting. The brightness of the illuminated dot can be dimmed at extremely finely, making it ideal for night hunting as well. The reticle is located in the rifle scope's second image plane.



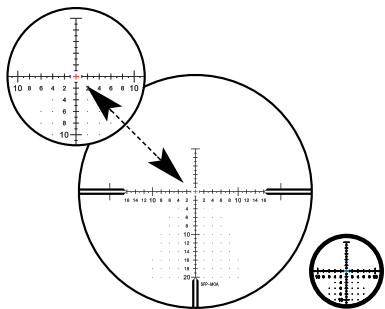
**ZMOAi-1**

The ZEISS ZMOA ballistic reticle is located in the second image plane and has a subtension of 1 MOA (ZMOA-1) between the tick marks at the respective rifle scope's reference magnification. Since the tick marks are only shown along the crosshairs, the shooter maintains an excellent overview of the entire field of view. They are suitable for both rapid bullet drop compensation and wind drift correction. The ZEISS Hunting app can be used to quickly and precisely determine both values for practically any ammunition, and also displays the distance values in a visual depiction of the reticle.



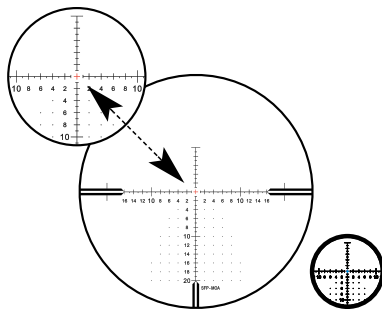
**ZBi**

This reticle was primarily developed for hunting in open terrain and over long distances. The tree-shaped crosshairs are intuitively designed and offer an extremely precise aiming point. The tick marks and dots have a distance of one minute of angle (1 MOA) at the respective reference magnification and always provide a suitable holdover point, even in windy conditions. The ZEISS Hunting app can be used to quickly and precisely determine both bullet drop and wind drift for practically any ammunition, and also displays the distance values in a visual depiction of the reticle. Only the center area of the reticle is illuminated, for precise aiming even in poor lighting conditions. The ZEISS Hunting app can be used to quickly and precisely determine the change in subtension and the resulting bullet drop compensation and wind drift correction values for practically any ammunition.



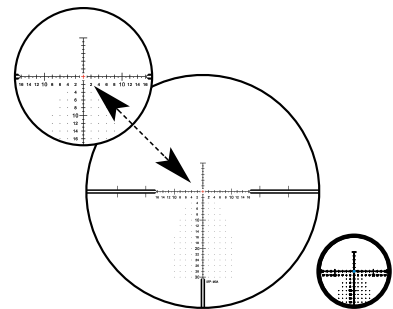
**ZMOAi-20**

This reticle is based on the ZMOAi-T20. However, it offers a thicker reticle line of 0.12 MOA at 24x. This makes it easier to see the crosshairs against a dark background, which is especially helpful when you are hunting against a tree line or aiming at dark game in the undergrowth. Only the center area of the reticle is illuminated – an extremely effective and precise aiming point in adverse lighting conditions. The ZEISS Hunting app can be used to quickly and precisely determine the change in subtension and the resulting bullet drop compensation and wind drift correction values for practically any ammunition.



**ZMOAi-T20 (thin line)**

The ZMOAi-T20 reticle is ideal for hunting in open terrain or over long distances. The extremely fine minute of angle (MOA) reticle, with a subtension of only 0.06 MOA at 24x, contains MOA tick marks and dots that provide a distance of 1 MOA at reference magnification and cover a bullet drop of 20 MOA. The lateral lines and holdover points are extremely useful for wind correction and are positioned in the field of view for maximum effectiveness and minimum distraction. Only the center area of the reticle is illuminated – an extremely effective and precise aiming point in adverse lighting conditions. The ZEISS Hunting app can be used to quickly and precisely determine the change in subtension and the resulting bullet drop compensation and wind drift correction values for practically any ammunition.

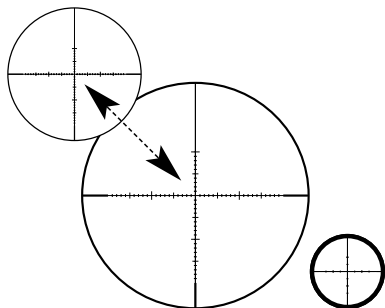


**ZMOAi-T30 (thin line)**

The ZMOAi-T30 reticle is the illuminated version of the ZMOA-T30. It offers the perfect balance between sport and hunting shooting. Hunters and target shooters prefer this option for their all-around rifle scope. The MOA (minute of angle) crosshairs contain MOA tick marks and dots that provide a distance of 1 MOA at reference magnification and cover a bullet drop of 30 MOA. The lateral lines and holdover points are extremely useful for wind correction and are positioned in the field of view for maximum effectiveness and minimum distraction. The reticle illumination is limited to the central fine crosshairs, preventing the shooter from being affected by glare and providing an extremely effective and precise aiming point in adverse lighting conditions. The ZEISS Hunting app can be used to quickly and precisely determine the change in subtension and the resulting bullet drop compensation and wind drift correction values for practically any ammunition.

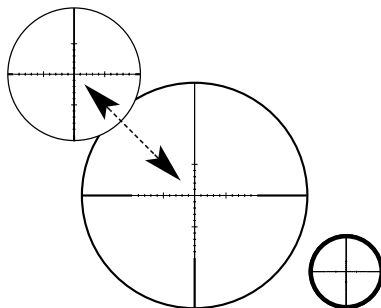
## Non-illuminated standard reticle

Non-illuminated reticles are versatile and precise. They are ideal for use when hunting in very good light, in the early hours of dusk and the later hours of dawn. A further advantage is that non-illuminated reticles can be used for measuring distances: the fine scales on the horizontal and vertical crosshairs between the reticle posts enable the determination of useful information about the distance to the game. Non-illuminated reticles also bring distinct advantages for competitive marksmen. This is because certain reticles have extremely fine crosshairs that obscure very little of the target or game at long ranges.



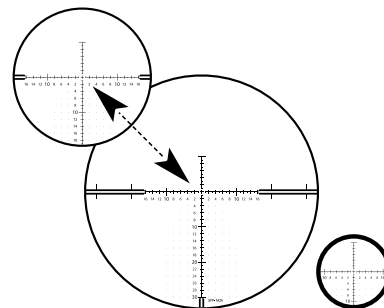
### ZMOA-1

The ZEISS ZMOA ballistic reticle is located in the second image plane and has a subtension of 1 MOA (ZMOA-1) between the tick marks at the respective riflescope's reference magnification. Since the tick marks are only shown along the crosshairs, the shooter maintains an excellent overview of the entire field of view. They are suitable for both rapid bullet drop compensation and wind drift correction. The ZEISS Hunting app can be used to quickly and precisely determine both values for practically any ammunition, and also displays the distance values in a visual depiction of the reticle.



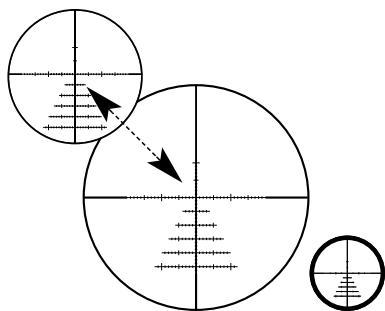
### ZMOA-2

The ZEISS ZMOA ballistic reticle is located in the second image plane and has a subtension of 2 MOA (ZMOA-2) between the tick marks at the respective riflescope's reference magnification. Since the tick marks are only shown along the crosshairs, the shooter maintains an excellent overview of the entire field of view. They are suitable for both rapid bullet drop compensation and wind drift correction. The ZEISS Hunting app can be used to quickly and precisely determine both values for practically any ammunition, and also displays the distance values in a visual depiction of the reticle.



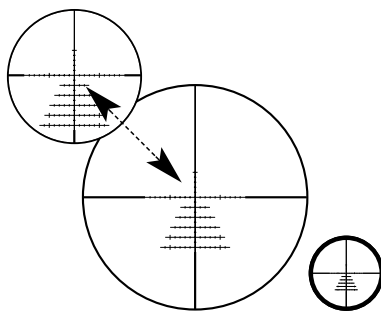
### ZMOA-T30

The ZMOA-T30 offers the perfect balance between sport and hunting shooting. Hunters and target shooters prefer this option for their all-around riflescope. The MOA (minute of angle) crosshairs contain MOA tick marks and dots that provide a distance of 1 MOA at reference magnification and cover a bullet drop of 30 MOA. The lateral lines and holdover points are extremely useful for wind correction and are positioned in the field of view for maximum effectiveness and minimum distraction. The ZEISS Hunting app can be used to quickly and precisely determine the change in subtension and the resulting bullet drop compensation and wind drift correction values for practically any ammunition.



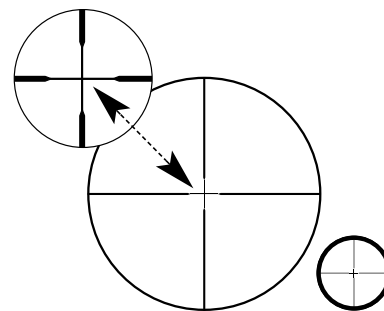
### ZBR-1

The ZEISS ZBR ballistic reticle is located in the second image plane and has a subtension of 1 MOA (ZBR-1) between the tick marks at the respective riflescope's reference magnification. The tick marks extend in the shape of a Christmas tree over the lower half of the field of view. As such, they are suitable for quickly and simultaneously compensating for bullet drop and correcting wind drift. The ZEISS Hunting app can be used to quickly and precisely determine both values for practically any ammunition, and also displays the distance values in a visual depiction of the reticle.



### ZBR-2

The ZEISS ZBR ballistic reticle is located in the second image plane and has a subtension of 2 MOA (ZBR-2) between the tick marks at the respective riflescope's reference magnification. The tick marks extend in the shape of a Christmas tree over the lower half of the field of view. As such, they are suitable for quickly and simultaneously compensating for bullet drop and correcting wind drift. The ZEISS Hunting app can be used to quickly and precisely determine both values for practically any ammunition, and also displays the distance values in a visual depiction of the reticle.



### #20 (Z-Plex)

The very fine reticle 20 is located in the second image plane. During daytime hunting, it enables you to shoulder your rifle and aim extremely precisely, even at long distances. The transition from the bars to the fine lines in the center is arrow-shaped in the reticle 20. This gives you the ability to aim especially precisely at small targets.



# Stable and Shot-Proof when used with 'Clip-On' Attachments. ZEISS Riflescopes

**Tests prove that ZEISS riflescopes are ideally suited for use with 'Clip-On' attachments.\***

The use of 'Clip-On' thermal attachments for hunting is currently a hot topic among sportsmen. But how do these devices affect the stability and overall performance of the riflescope? And are the riflescopes repeatable even with an attachment and adapter connected?

ZEISS knows that you can only create the perfect conditions with the right and compatible equipment. Suitability of ZEISS riflescopes for the use with 'clip-on' attachments has been put through its paces in extensive tests.

**ZEISS Conquest V4 riflescopes are all ideally suited for use with attachments. The use of properly mounted attachments does not affect your riflescopes' warranty terms.**



In laboratory tests, ZEISS demonstrated that the ZEISS Victory V8, ZEISS Victory HT, ZEISS Conquest V6, and ZEISS Conquest V4 exhibit the expected and necessary degree of stability required for use with attachments including the adapter.

\*The ZEISS Victory V8, ZEISS Victory HT, ZEISS Conquest V6 and ZEISS Conquest V4 riflescopes are all perfectly suited for use with 'clip-on' attachments. The use of properly mounted clip-on does not affect the riflescopes' warranty terms.



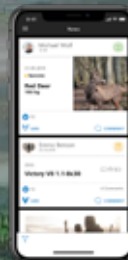
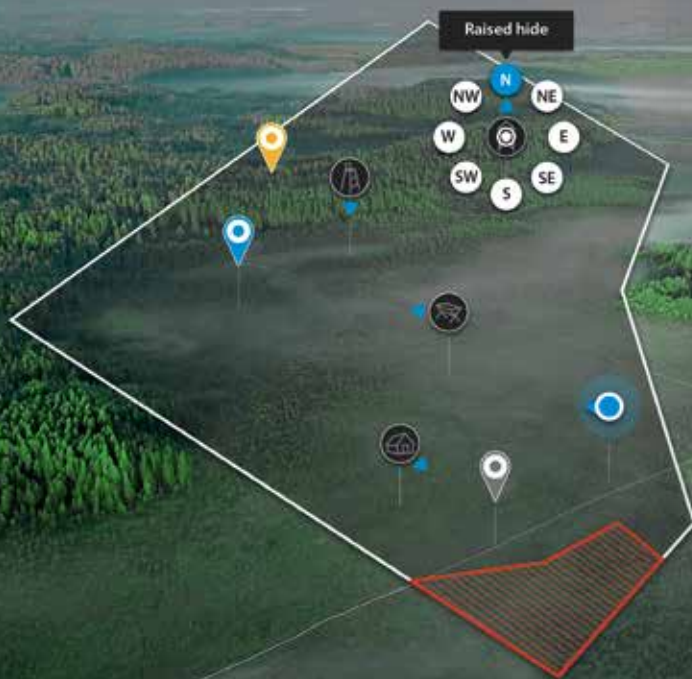
Since riflescopes are exposed to extreme recoil and vibration forces during firing, the ZEISS laboratory not only carried out mechanical tests on the possible deflection and rigidity of the riflescopes, but also placed considerable emphasis on the deviation from the target line by using attachments and adapters.



Find out more about the test conditions  
and further details in our expert interview:  
[www.zeiss.ly/shot-proof](http://www.zeiss.ly/shot-proof)

Prepare. Document. Share.

## ZEISS Hunting App – the app for the modern hunter.



Manage territories together with friends and share entries!

- News
- Dashboard
- Ballistics
- Hunting journal
- Weather information
- Connected products
- My gear
- Hunting grounds
- Sharing

Versatile hunting companion - the ZEISS Hunting App is available to hunters as a mobile app and as a web app on your desktop. In addition to the multitude of helpful features for preparing and documenting the hunt, it now also offers

the possibility to manage hunting grounds together with fellow hunters. This makes organization and communication in the area even easier. Diary entries, ballistic profiles and equipment data can also be shared with friends in the app become.



The ZEISS Hunting App is available free of charge.  
Download from the App Store and Google Play.

Browser version at [hunting.zeiss.com](http://hunting.zeiss.com)

More information about the app at [zeiss.com/hunting-app](http://zeiss.com/hunting-app)



### ZEISS Customer Service

Gloelstraße 3 - 5, 35576 Wetzlar  
Germany  
Phone +49 800 9347733  
Fax +49 64 41 4 83 69  
[service.sportsoptics@zeiss.com](mailto:service.sportsoptics@zeiss.com)

### Carl Zeiss AG

Business Unit Consumer Products  
Carl-Zeiss-Straße 22  
73447 Oberkochen, Germany

[www.zeiss.com/hunting](http://www.zeiss.com/hunting)

Become part of the **ZEISS Hunting Community**.

Follow us online:



[facebook.com/ZEISSHunting](https://facebook.com/ZEISSHunting)



[zeiss.de/jagd/blog](http://zeiss.de/jagd/blog)



[youtube.com/user/zeissportsoptics](https://youtube.com/user/zeissportsoptics)



[#passionforhunting](https://twitter.com/#passionforhunting)



[ZEISShunting\\_EU](https://www.instagram.com/ZEISShunting_EU)



Seeing beyond