ZEISS Conquest V4
1-4x24 | 3-12x44 | 3-12x56
4-16x44 | 4-16x50 | 6-24x50

Instructions for use

DE **EN** FR ES IT NL CZ DK EE FI HR HU | 03.2020
LT LV PL PT RO SK SL SV GR BG RU JP CN | 03.2020

Instructions for use

ZEISS products are famous for outstanding optical performance, precision engineering and a long service life.
Please observe the following instructions for use in order to obtain the best from your riflescope and to ensure that it remains your constant companion for many years to come.

IMPORTANT SAFETY INFORMATION

Environmental influences

- **Warning:** Never look directly into the sun or laser light sources with the riflescope, as this can result in severe damage to your eyes.
- **Note:** Never leave the riflescope in the sun for extended periods of time without the protective lens cap. The objective lens and eyepiece can function as a burning glass and damage the interior components as well as objects behind it.
- **Caution:** Avoid touching the metal surface after exposure to sunlight or cold.

Danger of swallowing

Warning: Do not leave the batteries and removable exterior parts within reach of children (danger of swallowing).

For further information and safety instructions, please refer to the QuickGuide provided. This is also available on our website in the download center.

Battery disposal

Batteries should not be disposed of as domestic waste.
When returning used batteries, please use a collection system that may exist in your country.
Please only return discharged batteries.
As a rule, batteries are discharged when the device operated with them

- switches off and signals "Battery empty".
- does not work properly after prolonged use of the battery.

Note: Only use battery types recommended by the manufacturer.
Handle used batteries according to the manufacturer's instructions.
Batteries must never be thrown into fire, heated, recharged, disassembled or broken.

Germany: As a consumer you are legally obliged to return used batteries. You can return your old batteries free of charge wherever the batteries were purchased. The same applies to public collection points in your town or municipality.
You will find these symbols on batteries containing harmful substances:
Pb = battery contains lead
Cd = battery contains cadmium
Hg = battery contains mercury
Li = battery contains lithium

User information on the disposal of electrical and electronic devices (private households)

The WEEE symbol on products and/or accompanying documents indicates that used electrical and electronic products are not to be mixed with ordinary household waste. For proper treatment, recovery and recycling, take these products to the appropriate collection points where they will be accepted without charge. In some countries, it may also be possible to return these products to your local retailer when you purchase a corresponding new product. The proper disposal of this product serves to protect the environment and prevents possible harmful effects on human beings and their surroundings, which may arise as a result of incorrect handling of waste. More detailed information on your nearest collection point is available from your local authority. In accordance with state legislation, penalties may be imposed for the improper disposal of this type of waste.

For business customers within the European Union

Please contact your dealer or supplier regarding the disposal of electrical and electronic devices. He will provide you with further information.

Information on disposal in other countries outside the European Union

This symbol is only applicable in the European Union. Please contact your local authority or dealer if you wish to dispose of this product and ask for a disposal option.

Function

- Always check and ensure that the firearm is unloaded before working on the scope mounted on the weapon.
- To prevent injury, ensure that there is sufficient eye relief when mounted.
- Before using, please ensure that your riflescope is in proper working condition.
- Look through your riflescope to test if the optics provide a clear, undisturbed image.
- If handled roughly, a maladjustment cannot be ruled out.
- Test the correct setting on the reticle using controlled shots.

PACKAGE CHECK LIST

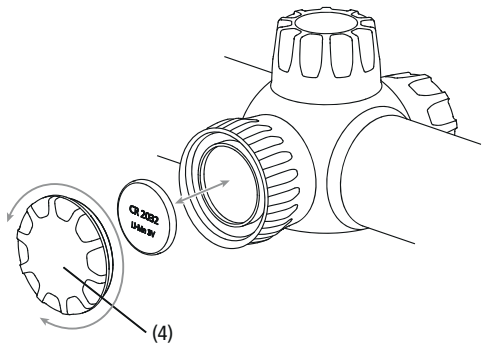
ZEISS Conquest® V4 riflescopes with reticle illumination:

	Product	Order no.	Package check list
Conquest V4	1-4x24	52 29 05	Riflescope Protective lens cap Lens cleaning cloth Quick Guide Battery (type CR 2032)
Conquest V4	3-12x56	52 29 25	
Conquest V4	4-16x44	52 29 35	
Conquest V4	4-16x50*	52 29 45	
Conquest V4	6-24x50	52 29 55	

ZEISS Conquest® V4 riflescopes without reticle illumination:

	Product	Order no.	Package check list
Conquest V4	3-12x44*	52 29 11	Riflescope Protective lens cap Lens cleaning cloth Quick Guide
Conquest V4	3-12x56	52 29 21	
Conquest V4	4-16x44	52 29 31	
Conquest V4	6-24x50	52 29 51	

*Only for sale in selected countries.



Inserting/removing the battery

To replace the battery (type CR 2032), turn the cap **(4)** counterclockwise.
The positive end of the battery faces up. After inserting the battery, screw on the cap **(4)**. Ensure that the sealing ring is properly seated and in good condition.
Damaged sealing rings must be replaced.

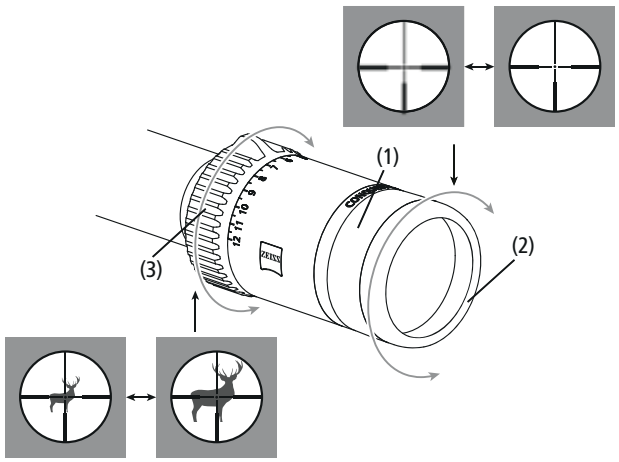
Note: Remove the battery from the riflescope when not in use for a long period of time.

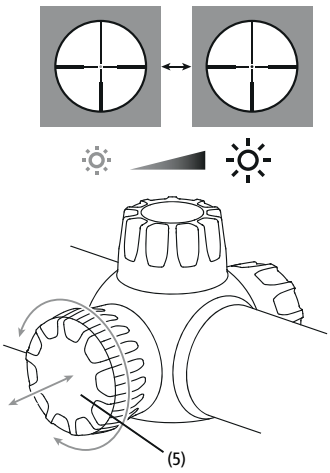
TECHNICAL DATA		1-4x24		3-12x44		3-12x56	
Magnification		1	4	3	12	3	12
Effective objective lens diameter	**mm**	12.1	24	27.1	44	27.7	56
Exit pupil diameter	**mm**	12.1	6.0	8.9	3.7	9.2	4.7
Twilight factor		2.8	9.8	9.0	23.0	8.5	25.9
Field of view	**ft/100 yds** **(m/100 m)**	114 (38)	28.5 (9.5)	38.0 (12.7)	9.5 (3.2)	38.0 (12.7)	9.5 (3.2)
Angular field of view	**°**	21.5	5.4	7.24	1.81	7.2	1.8
Diopter adjustment range	**dpt**	-3 / + 2		-3 / + 2		-3 / + 2	
Eye relief	**in (mm)**	3.5 (90)		3.5 (90)		3.5 (90)	
Parallax-free	**yds (m)**	100 (91.4)		100 (91.4)		100 (91.4)	
Adjustment range	**MOA** **(cm/100 m)**	100 (300)		70 (200)		70 (200)	
Adjustment per click	**MOA (cm)**	½ (1.4)		¼ (0.7)		¼ (0.7)	
Center tube diameter	**mm**	30		30		30	
Eyepiece tube diameter	**mm**	44		44		44	
Lens tube diameter	**mm**	30		50		62	
Tempering		LotuTec®		Hydrophobe		LotuTec®	
Nitrogen filling		✓		✓		✓	
Watertightness	**mbar**	400		400		400	
Functional temperature range	**°F (°C)**	-4 / +131 (-20 / +55)		-4 / +131 (-20 / +55)		-4 / +131 (-20 / +55)	
Length	**in (mm)**	10.08 (256)		13.8 (352)		14.5 (368)	
Weight	**oz (g)**	16.6 (470)		18.2 (515)		21.5 (610)	

Subject to changes in design and scope of supply due to technical improvements.

TECHNICAL DATA		4-16x44		4-16x50		6-24x50	
Magnification		4	16	4	16	6	24
Effective objective lens diameter	**mm**	33.2	44	34.5	50	44.9	50
Exit pupil diameter	**mm**	8.2	2.8	8.5	3.1	7.5	2.1
Twilight factor		11.5	26.5	11.7	28.3	16.4	34.6
Field of view	**ft/100 yds** **(m/100 m)**	28.5 (9.5)	7.1 (2.4)	28.5 (9.5)	7.1 (2.4)	19.0 (6.3)	4.7 (1.6)
Angular field of view	**°**	5.4	1.4	5.4	1.4	3.6	0.9
Diopter adjustment range	**dpt**	-3 / + 2		-3 / + 2		-3 / + 2	
Eye relief	**in (mm)**	3.5 (90)		3.5 (90)		3.5 (90)	
Parallax-free	**yds (m)**	10 - ∞ (9.1 - ∞)		10 - ∞ (9.1 - ∞)		10 - ∞ (9.1 - ∞)	
Adjustment range	**MOA** **(cm/100 m)**	80x80 (230x230)		80x60 (230x175)		80x60 (230x175)	
Adjustment per click	**MOA (cm)**	¼ (0.727)		¼ (0.727)		¼ (0.727)	
Center tube diameter	**mm**	30		30		30	
Eyepiece tube diameter	**mm**	44		44		44	
Lens tube diameter	**mm**	56		56		56	
Tempering		Hydrophobe		Hydrophobe		Hydrophobe	
Nitrogen filling		✓		✓		✓	
Watertightness	**mbar**	400		400		400	
Functional temperature range	**°F (°C)**	-4 / +131 (-20 / +55)		-4 / +131 (-20 / +55)		-4 / +131 (-20 / +55)	
Length	**in (mm)**	13.9 (353)		14.5 (368)		14.4 (367)	
Weight	**oz (g)**	21.0 (670)		21.7 (674)		22.8 (688)	

Subject to changes in design and scope of supply due to technical improvements.





Focusing the reticle

Turn the eyepiece **(1)** to focus the reticle.
It is recommended to focus using a higher magnification level. The reticle then remains sharply defined throughout the entire range.

Note: A rubber ring **(2)** has been attached to the eyepiece to avoid injury.

Magnification change

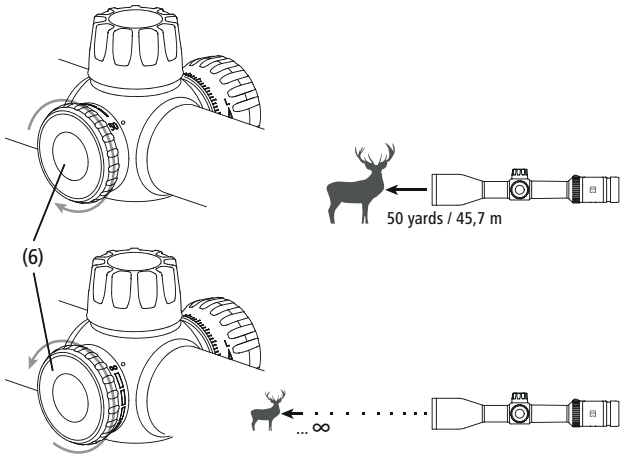
You can smoothly adjust all magnification levels between the lowest and highest level. Change the magnification by turning the changer **(3)** on the eyepiece tubes. Magnification levels are identified by numbers and markings.

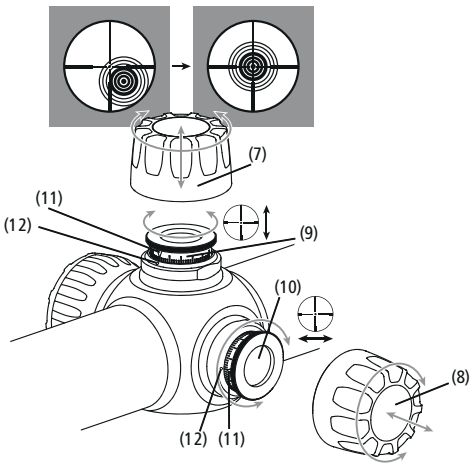
Note: For low-light or night use:
Turn to the left until stop = highest magnification.
Turn to the right until stop = lowest magnification.
Medium magnification is set when the groove on the magnification changer is at the top.

Reticle illumination

Illumination is activated by turning the adjustment knob **(5)**. The brightness can now be increased by turning the knob clockwise. The brightness can be reduced by turning the knob counterclockwise. The regulation takes place in 10 steps. Switching off is done by turning the knob to the next detent position.

Note: The reticle illumination of the Conquest V4 riflescopes has no automatic switch-off.





Adjustment range

By turning the adjustment knob **(6)**, the optimum sharpness for target distances of approx. 50 yards / 45.7 m or 10 yards / 10 m, depending on the model, can be set to infinity and aiming errors due to parallax can be avoided.

Mounting default setting

To ensure that the weapon and riflescope work together perfectly as a single unit, the riflescope should always be mounted by a qualified gunsmith. Injuries to the eye resulting from the rifle's recoil can be avoided by properly mounting the riflescope at the correct distance from the eye. Proper eye relief also ensures that the full field of view is available.

Aligning the ZEISS Conquest V4 riflescope to the weapon

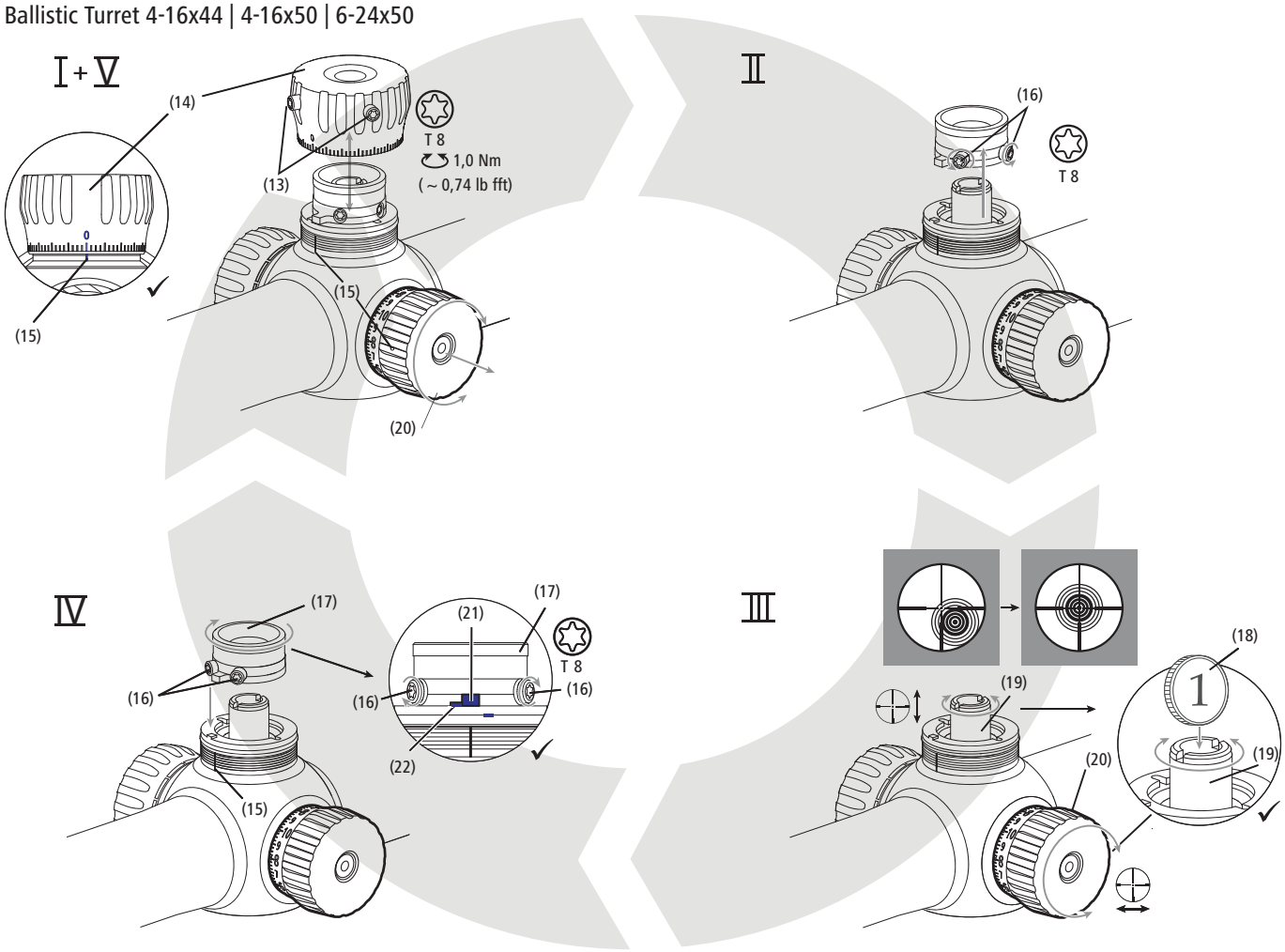
Aligning the ZEISS Conquest V4 riflescope to the weapon, correcting deviations from the impact point, is simplified via the click stops for height and lateral adjustment of the reticle. Proceed as follows:

a) After unscrewing the protective lens caps **(7 or 8)**, the reticle can be adjusted for height **(9)** and laterally **(10)** with the adjustment knobs. One click corresponds to an adjustment of **1/4 MOA** for ZEISS Conquest V4 riflescopes.
If the weapon shoots low, it requires an upward correction ("**UP**"), in other words **turn the adjustment knob (9) counterclockwise.**
If the weapon shoots high, it requires a downward correction, in other words **turn the adjustment knob (9) clockwise.**
If the weapon shoots to the left, it requires a correction to the right ("**R**"), in other words **turn the adjustment knob (10) counterclockwise.**
If the weapon shoots to the right, it requires a correction to the left, in other words **turn the adjustment knob (10) clockwise.**
b) After aligning the weapon, pull the knob **(9 or 10)** up from the locking mechanism and set the zero mark on the graduated ring **(11)** to the index mark **(12)**. Push the knob **(9 or 10)** down into the locking mechanism. The index serves as a reference guide for further adjustments to the reticle (for other distances or loads).
c) Do not forget: screw on the screw cap **(7 or 8)**.

Note: The reticle is set to the middle of the adjustment range and the zero mark on the adjustment knobs **(9 or 10)** to the index mark **(12)** at delivery of your ZEISS Conquest V4 riflescope. From this initial setting, an upward, downward, right or left adjustment is possible for more than half of the adjustment ranges given in the table.

Note: ZEISS Conquest V4 riflescopes are constructed so that even a corresponding movement of the reticle is not noticeable to the center of the picture when adjusting the reticle. The reticle always remains in the center of the image during all adjustments.

Ballistic Turret 4-16x44 | 4-16x50 | 6-24x50



Ballistic Turret for ZEISS Conquest V4 4-16x44, 4-16x50 and 6-24x50

If your ZEISS Conquest V4 riflescope is equipped with the ballistic turret, you have the option of staying on the spot quickly and easily at a range of distances.
The bullet-drop is compensated in line with the distance by adjusting the sight line of the riflescope without removing the protective cap of the reticle adjustment.
The rotary knob **(14)** features a linear graduation. The distance from interval to interval is one click which corresponds to 1/4 MOA. Every fourth mark is marked with the corresponding MOA value.
If the ballistic values for an accurate aiming at 100 yds/m are known, the number of required clicks can be directly calculated and noted for the various distances.

Note: A stop in the ballistic turret prevents downward adjustment past the "0" mark.

Note: More than two rotations are required to fully utilize the entire vertical and lateral adjustment range of the riflescope.
Circular marks on the bottom of the adjustment knob mark the position in which rotation the turret is positioned. If the adjustment knob is mounted correctly, you are in the first rotation and the first ring is visible.
If the screw is turned counterclockwise, the adjustment knob **(14 or 20)** will turn out. If the screw is turned clockwise, the adjustment knob **(14 or 20)** will turn in.
If circular marks are visible at the bottom of the adjustment knob after correcting the turret, a complete rotation (80 clicks) has been made in the zero setting. Three visible circular marks correspond to two rotations (160 clicks) in the zero setting.

Firing the weapon with the ballistic turret:

Proceed as follows for a downward shot correction past the zero mark:

Ballistic turret I Unscrew the screw **(13)** and pull off adjustment knob **(14)**.

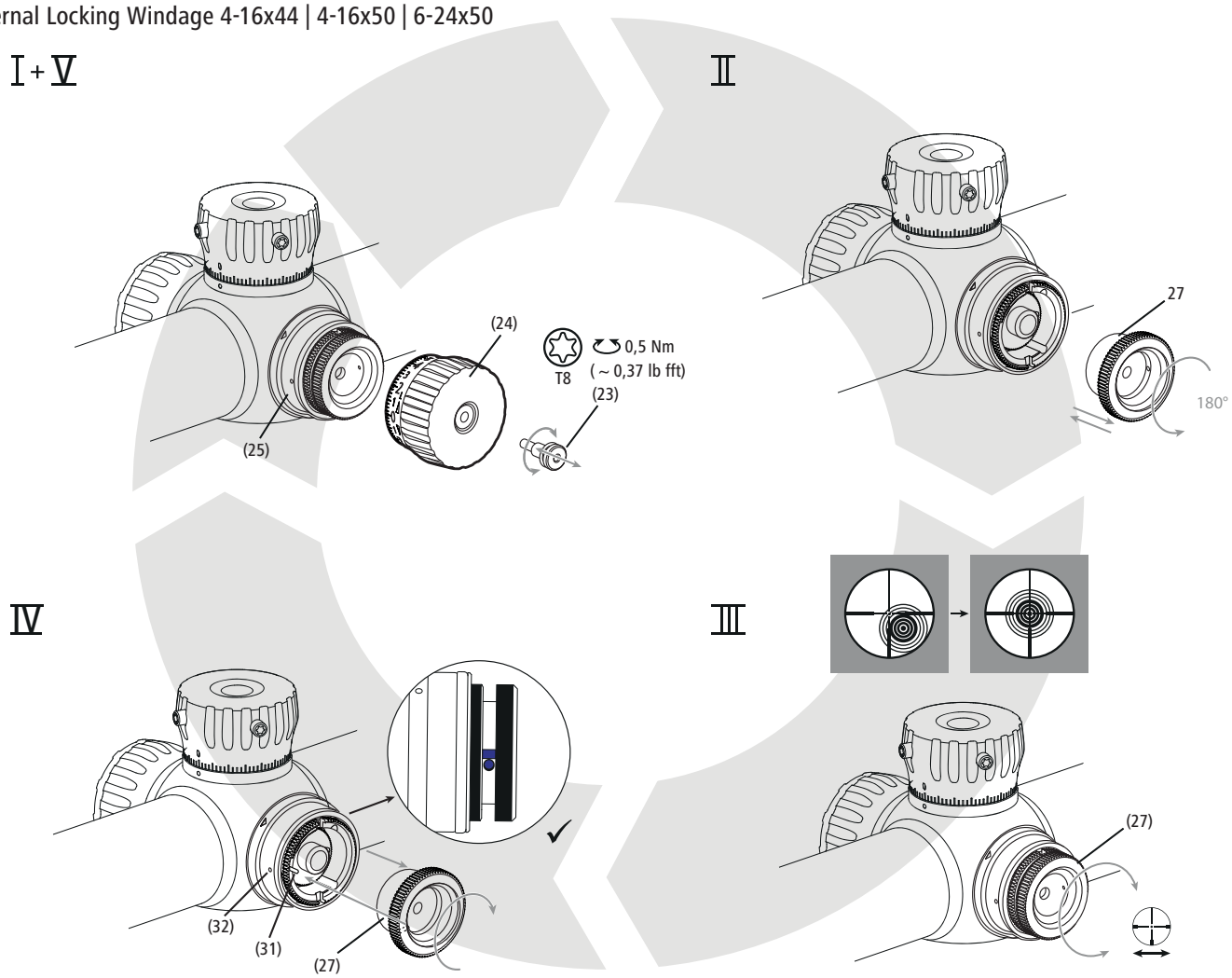
Ballistic turret II Unscrew the screws **(16)** and lift out driver **(17)**.

Ballistic turret III Insert the coin **(18)** into the slot provided in the adjustment knob **(19)**.
If the weapon shoots low, it requires an upward correction ("**UP**"), **in other words turn the coin (18) counterclockwise.**
If the weapon shoots high, it requires a downward correction, **in other words turn the coin (18) counterclockwise**.
If the weapon shoots to the left, it requires a correction to the right ("**R**"), in other words **turn the adjustment knob (19) counterclockwise.**
If the weapon shoots to the right, it requires a correction to the left, in other words **turn the adjustment knob (19) clockwise.**

After the rifle has been zeroed in to 100 yds/m target:

Ballistic turret IV Position the driver **(17)** so that the stop pin of the driver **(21)** sits on the stop pin of the riflescope **(22)**. Retighten the screws **(16)**.

Ballistic turret V Position the adjustment knob **(14)** so that the "0" mark corresponds to index marking on the locking ring **(15)**. Retighten the screws **(13)**.



External Locking Windage for ZEISS Conquest V4 4-16x44, 4-16x50 and 6-24x50

If your ZEISS Conquest V4 riflescope is equipped with the External Locking Windage, you can react quickly and easily to crosswinds and adjust the lateral drive accordingly without removing the reticle adjustment.
The rotary knob **(24)** features a linear graduation. The distance from interval to interval is one click which corresponds to 1/4 MOA. Click stops prevent unintended adjustment.
If the ballistic values for an accurate aiming at 100 yds/m are known, the number of required clicks can be directly calculated and noted to compensate for the wind-related lateral deviation on the various distances.

Note: A stop in the external locking windage prevents downward adjustment past the "0" mark.

Firing the weapon with External Locking Windage:

Proceed as follows for a lateral shot correction past the zero mark:

External Locking Windage I — Unscrew the screw **(23)** and pull off adjustment knob **(24)**.

External Locking Windage II — Pull the driver **(27)** from the locking mechanism, turn it counterclockwise (180°) and push in. It is now possible to make a correction in the desired direction again. This can be performed directly with the driver **(27)**.

External Locking Windage III — If the weapon shoots to the left, it requires a correction to the right, in other words turn the driver **(27)** counterclockwise. If the weapon shoots to the right, it requires a correction to the left, in other words turn the driver **(27)** clockwise.

After the weapon has been aligned at 100 yds/m:

External Locking Windage IV — Lift the driver **(27)** out of the locking mechanism and set it so that the stop pin of the driver **(27)** lies on the stop pin **(31)** of the locking ring **(32)**, as shown in Fig. IV.

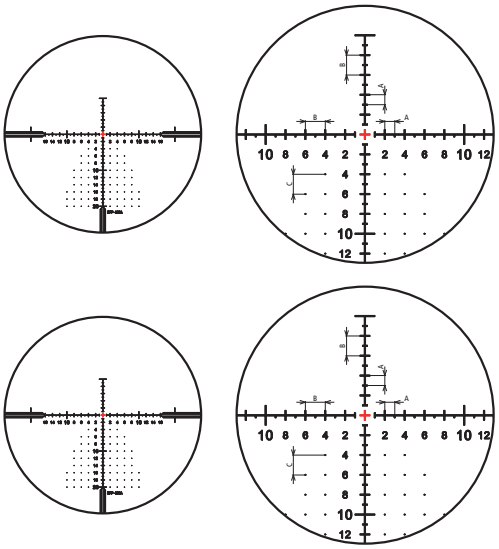
External Locking Windage V — Set the adjustment knob **(24)** so that the "0" mark is even with the index mark on the locking ring **(25)**. Take care not to damage the O-ring. Retighten the adjustment knob **(24)** with the screw **(23)**.

Impermeability

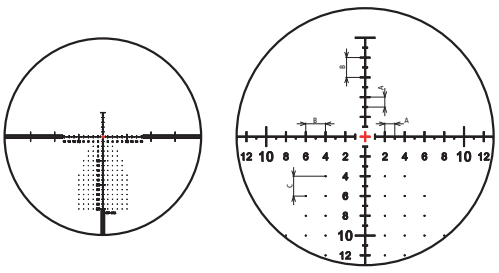
The nitrogen-filled riflescope is waterproof and pressure proof as per ISO 9022-80. The seal is also guaranteed if the protective lens cap **(5 or 6)** is not attached to the reticle adjustment. Please ensure, however, that the protective lens cap **(5 or 6)** and the sealing rings below it are properly seated.

Reticle V4

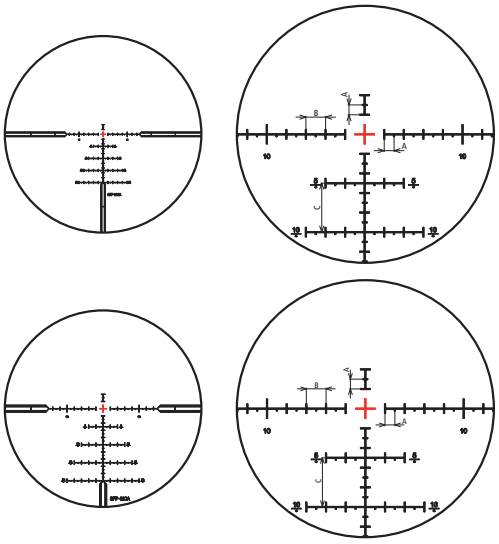
You riflescope is equipped with the reticle of your choice. With the ZEISS Conquest V4 models, the reticles are in the second level. The reticle is not enlarged when the magnification is changed, but always remains the same, so with these riflescopes the dimension of change of the reticle is dependent on the magnification.



	6-24x50			6-24x50		
Reticle	ZMOAi-20			ZMOAi-T20		
Magnification	24x			24x		
	MOA	**in / 100 yds**	**cm / 100 m**	**MOA**	**in / 100 yds**	**cm / 100 m**
Distance A	1	1.05	2.91	1	1.05	2.91
Distance B	2	2.09	5.82	2	2.09	5.82
Distance C	2	2.09	5.82	2	2.09	5.82
Opening	32	33.51	93.08	32	33.51	93.08



	4-16x44			4-16x50		
Reticle	ZMOAi-T30			ZMOAi-T30		
Magnification	16x			16x		
	MOA	**in / 100 yds**	**cm / 100 m**	**MOA**	**in / 100 yds**	**cm / 100 m**
Distance A	1	1.05	2.91	1	1.05	2.91
Distance B	2	2.09	5.82	2	2.09	5.82
Distance C	2	2.09	5.82	2	2.09	5.82
Opening	32	33.51	93.08	32	33.51	93.08



	4-16x44			4-16x50		
Reticle	ZBi			ZBi		
Magnification	16x			16x		
	MOA	**in / 100 yds**	**cm / 100 m**	**MOA**	**in / 100 yds**	**cm / 100 m**
Distance A	1	1.05	2.91	1	1.05	2.91
Distance B	2	2.09	5.82	2	2.09	5.82
Distance C	5	5.24	14.54	5	5.24	14.54
Opening	30	31.42	87.27	30	31.42	87.27

	6-24x50		
Reticle	ZBi		
Magnification	24x		
	MOA	**in / 100 yds**	**cm / 100 m**
Distance A	1	1.05	2.91
Distance B	2	2.09	5.82
Distance C	5	5.24	14.54
Opening	30	31.42	87.27

For a current overview of available reticles and target coverage please visit **www.zeiss.com/hunting** or contact us at:
Carl Zeiss AG
Carl-Zeiss-Strasse 22
73447 Oberkochen
Germany

Care and maintenance

The riflescope features the LotuTec coating. The effective protective coating for the lens surfaces noticeably reduces contamination of the lenses through a special smooth surface and the strong beading effect connected with it. All types of contamination adhere less and can be quickly and easily removed, smear-free. At the same time, LotuTec is very durable and resistant to abrasion.

Your ZEISS riflescope requires no special maintenance. Do not rub coarse particles (e.g. sand) from the lenses. Blow them off, or use a soft brush! Over time, fingerprints can corrode the lens surface. Breathing on the lens and polishing with a clean optical cleansing cloth/tissue is the easiest method of cleaning the lens surface.

Dry storage and keeping the outer lens surfaces well ventilated, especially in the tropics, helps to prevent a possible fungal film forming on the optics.

Spare parts for ZEISS Conquest V4

Should you require spare parts for your riflescope, e. g. protective lens caps, please contact your specialist retailer, representative office of a federal state or our after-sales service.

For Customer Service inquiries we are happy to take your calls from Monday to Friday from 8:00 a.m. to 6:00 p.m. (CET).
Tel.: +49 (0) 800 934 7733
Fax: +49 (0) 64 41-4 83 69
service.sportsoptics@zeiss.com

* Accessories are not included in the product range!

ZEISS is a byword for reliability and a high level of quality. Therefore, quite independently of the seller's warranty obligations to the customer, we the manufacturer offer a ten year warranty on this ZEISS product.
The scope of the warranty can be seen by accessing the following link:
www.zeiss.com/cop/warranty

Register your product at: **www.zeiss.com/cop/register**

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