

MINOX
VISIBLE INNOVATION



RIFLESCOPES



MADE IN GERMANY

MINOX Riflescopes

For the best hunting experience

MINOX – a brand with a long tradition and decades of experience – a manufacturer of optical and high quality fine mechanics precision led by the vision and values of famous German engineering culture.

Since the invention of the famous spy camera, MINOX is the synonym for the perfect miniaturizing of cutting-edge technology. Today the name equally represents exceptional innovative energy in the field of long-distance optics.

The essence of this expertise flows directly into the development of MINOX's riflescopes, offering high-tech for the eye with first class quality for the highest of demands and comprehensive features. Uncompromising in design and production, the maximum possible excellence und precision is emphasized.

Utmost quality, precision, solidity and longevity – these are the achievements of German engineering and constitute the system of values for the MINOX brand.

The exceptional performance of MINOX riflescopes is reflected in the use of high-tech special glass, a precision-designed optical system and premium lens coatings. This combination offers the perfect prerequisite for excellent image quality and high contrast.

All three MINOX riflescope lines are manufactured with the utmost care and reliability to meet the highest of standards.

ZE Line – Precision riflescopes Made in Germany.

Designed to meet the practical demands of the **E**uropean hunter (ZE).

The premium line with a 30 mm center tube and brilliant illuminated reticle.

ZA Line – Uncompromising and perfect in quality.

Designed to meet the practical demands of the **A**merican hunter (ZA).

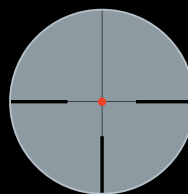
ZV Line – The **V**alue Line

With an excellent price to performance ratio (ZV).

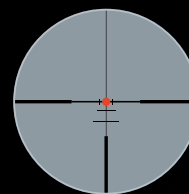


Precision Made in Germany For the decisive moment

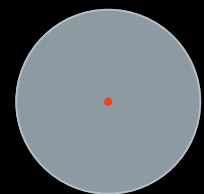
Precision, quality and solidity. These traditional German values have been perfected out of more than 75 years of tradition during the development of the new MINOX ZE-i Line – skilfully implemented down to the smallest detail with the understanding of the demands and needs of avid hunters and sports marksmen in mind. With features to cause the professional hunter's heart to beat faster, the new MINOX ZE-i riflescopes surprise with an amazing value for money, setting new standards for the riflescope category with 30 mm tubes.



German #4



BDC



Dot



Quality driven by German Engineering Culture

The new ZE-i Line riflescopes are the result of a skilful combination of brilliant precision optics and solid, reliable mechanics. Decades of German engineering know-how and the selection of high quality materials provide the essence from which the excellent optical sights are made.



Features at a glance:

- 5x magnification for maximum flexibility and precision at close or long shooting distances
- Large field of view for quick aiming and greater certainty
- Excellent image quality coupled with outstanding light transmission
- Special optical hightech-glass
- Precise reticle with a brilliant red dot – adjustable in 11 levels of brightness
- Greater safety with an eye distance of 3.94 inches
- M* multi-coating on all optical components for excellent light transmission, contrast and colour rendition, even in low light situations
- Solid, extremely shock-resistant aviation aluminum housing
- Comfortable and smooth variable power adjustment
- Quick adjusting, rubber coated ocular
- Precise elevation and windage adjustment, as well as parallax compensation (ZE 5 i 3-15x56 SF and ZE 5 i 5-25x56 SF)
- Reticle at the 2nd focal plane
- Auto Power-Off: automatic deactivation of the red dot
- Spare battery integrated into the reticle adjustment drum
- Filled with high grade argon gas for optimal protection and durability of the interior elements
- Waterproof and fog free internal lenses

ZE Riflescopes



Available from
September 2013

ZE 5i 1-5x24

With large field of view for quick aiming. Incredibly light and uniquely compact for dynamic lowland or mountain hunting.



ZE 5i 2-10x50

The universal riflescope for close to medium shooting ranges. Suitable for flexible use, whether for dynamic hunting during the day or a raised hide in twilight.



ZE 5i 3-15x56 SF

The ultimate bright scope for use in deep twilight. Universal and flexible for short, medium and long ranges in densely wooded and wide open hunting grounds. Excellent light transmission to extend the decisive moment.



ZE 5i 5-25x56 SF

Uncompromisingly bright for all ranges. The perfect scope for use in deep twilight and especially long distances in open hunting areas.

Available from
August 2013



German Development, Engineering and Assembly

Highest quality and traditional German engineering values are held in high esteem all over the world. Values such as quality, precision and ruggedness in sport optics development and manufacturing reflect the MINOX philosophy. The ZE-i riflescopes are manufactured with maximum care and reliability to meet the sophisticated demands of our customers.



Special High-tech glass with outstanding optical characteristics

The grade and quality of optical glass is decisive for the brilliance, detail sharpness, light transmission and colour accuracy of the riflescope. The MINOX engineers traditionally use only special high-tech glass from the finest glass factories around the world for their observation and target optics.



NEW MINOX Z-Rail Mount

All ZE-i riflescopes equipped with the Z-Rail are available as the ZE 5is.



MINOX Comfort Service

By registering your MINOX ZE-i riflescope, you will immediately benefit from the advantages of the MINOX Comfort Service. From the date of registration, your product will be protected against manufacturers defects and functional failures. The MINOX Comfort Service is valid for 30 years from the date of registration.

ZA Riflescopes



Uncompromising Value The MINOX ZA3 and ZA5 Riflescopes

The lineup of fully-featured, high performance MINOX ZA riflescopes with 1 inch tube (25.4 mm) is designed to meet the practical demands of any hunt, from the low magnification needs of woodland hunters to the higher power requirements of the open plains and high mountains.





The MINOX ZA Riflescope Series was uncompromisingly geared to suit the fundamental needs and requirements of hunters and sports shooters. The ZA riflescopes offer the highest degree of precision, quality and reliability at an excellent price-performance ratio.

Equipped with technologically advanced features, the optics and mechanics play a vital role to provide an especially light, compact and rugged construction. The use of high-quality special glass and the innovative MINOX M* multi-coating on all lens elements offer a particularly bright, sharp and detailed image without colour fringing.

All MINOX ZA riflescopes are manufactured in the USA.



Special High-tech glass with outstanding optical characteristics

The grade and quality of optical glass is decisive for the brilliance, detail sharpness, light transmission and colour accuracy of the riflescope. The MINOX engineers traditionally use only special high-tech glass from the finest glass factories around the world for their observation and target optics.



German Engineering

Highest quality and traditional German engineering values are held in high esteem all over the world. Values such as quality, precision and ruggedness in sport optics development and manufacturing reflect the MINOX philosophy. The ZA riflescopes are manufactured with maximum care and reliability to meet the sophisticated demands of our customers. ZA riflescopes are made in the USA.

ZA Riflescopes



Uncompromising Performance

The search for the right rifle scope can be long and complex. This is nevertheless important when deciding which rifle scope is best for hunting or for sports shooting.



ZA 3 3-9x40
PLEX / #4 / BDC

3x to 9x variable zoom, 40 mm objective.
Perhaps the ideal general purpose rifle scope.



ZA 3 3-9x50
PLEX / #4 / BDC / XR-BDC

3x to 9x variable zoom, 50 mm objective.
The all purpose scope for low light situations.



ZA 5 1.5-8x32
PLEX / #4 / VERSA-PLEX

1.5x to 8x variable zoom, 32 mm objective. Versatile, compact and lightweight – perfect for shotgun, lightweight rifle, or dangerous game.



ZA 5 2-10x40

PLEX / #4 / BDC / XR-BDC

2x to 10x variable zoom, 40 mm objective.

The scope that is equally at home from woodlots to mountain tops.

ZA 5 3-15x42

PLEX / #4 / BDC / XR-BDC

3x to 15x variable zoom, 42 mm objective.

Great scope for open spaces and longer ranges.



ZA 5 2-10x50

PLEX / #4 / BDC / XR-BDC

2x to 10x variable zoom, 50 mm objective.

Versatile magnification range with large objective low light performance.

ZA 5 3-15x50 SF

PLEX / BDC / XR-BDC

3x to 15x variable zoom, 50 mm objective. Side Focus Parallax Adjustment

and large objective extends accurate shooting range and the shooting day.



ZA 5 4-20x50 SF

PLEX / BDC / XR-BDC

4x to 20x variable zoom, 50 mm objective.

Side Focus Parallax Adjustment for accurate shot place and extended ranges.

ZA 5 6-30x56 SF

PLEX / BDC / XR-BDC

6x to 30x variable zoom, 56 mm objective. High magnification, large,

objective and Side Focus Parallax Adjustment for extreme range shooting.

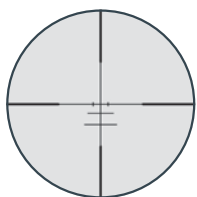
ZA Riflescopes



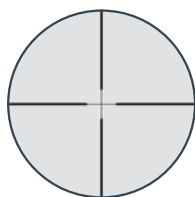
Uncompromising Craftsmanship

MINOX ZA riflescopes are designed in Germany and assembled in the USA. Each riflescopes is crafted from lightweight, incredibly tough aircraft-grade anodized aluminum and features standard one inch mono-tube construction for easy, low-profile mounting.

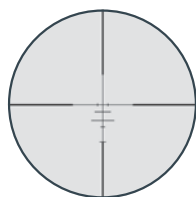
MINOX ZA riflescopes are waterproof and system purged with inert argon gas to prevent fogging on inner glass surfaces and provide corrosion protection for critical precision mechanisms. And each is covered by the comprehensive Comfort Service Warranty.



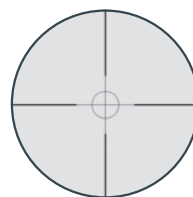
BDC



PLEX



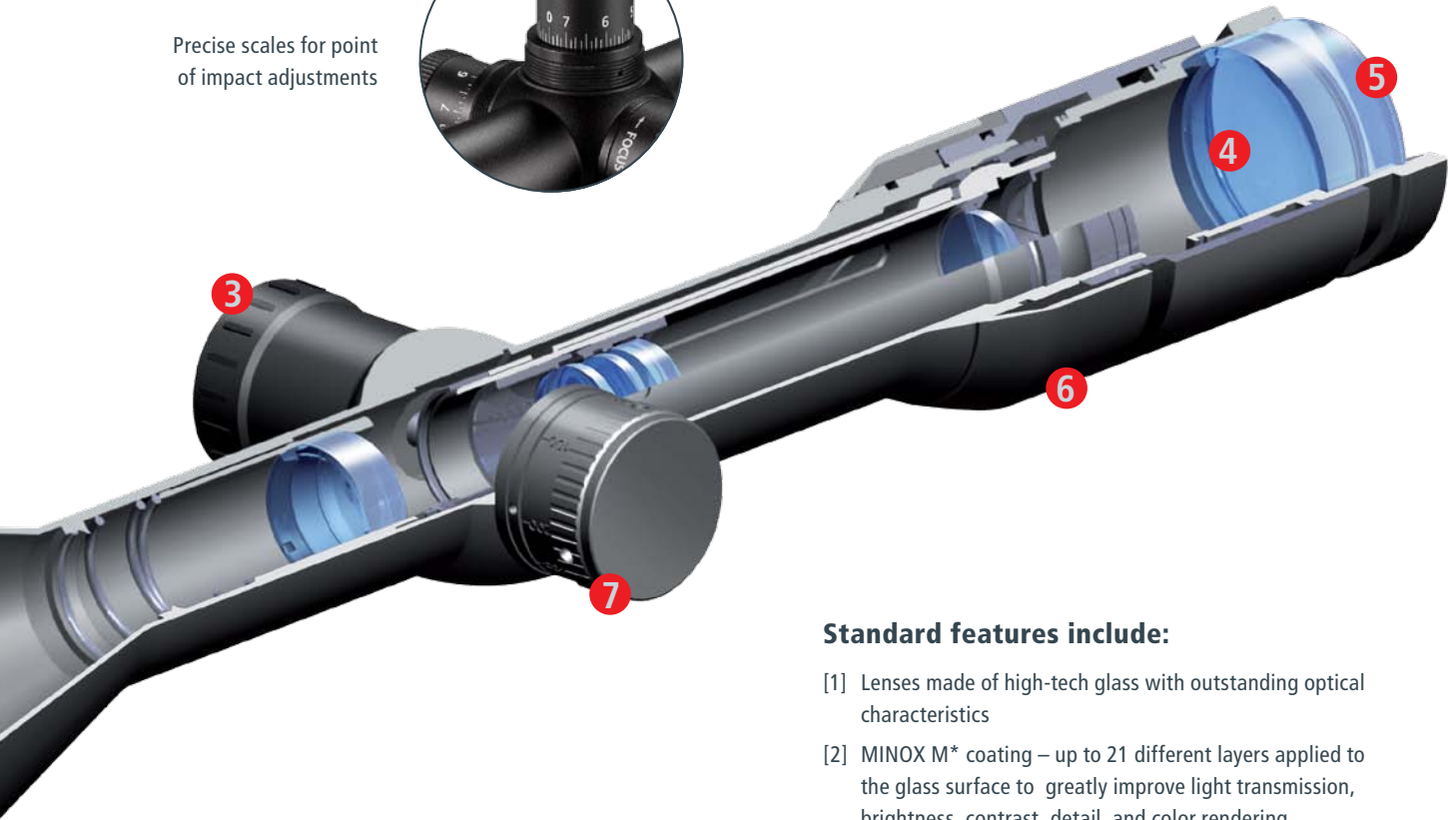
XR BDC



VERSA-PLEX



Precise scales for point of impact adjustments



Standard features include:

- [1] Lenses made of high-tech glass with outstanding optical characteristics
- [2] MINOX M* coating – up to 21 different layers applied to the glass surface to greatly improve light transmission, brightness, contrast, detail, and color rendering
- [3] Windage and elevation knobs, finger adjustable, with positive and precise reticle movements of 1/4 MOA or 1/8 MOA (model ZA 5 4-20x50 SF only), zero resettable
- [4] Long four inch plus eye relief
- [5] Rubber cushioned fast-focus eyepiece
- [6] Smooth operating soft-touch rubber variable power ring
- [7] Objective parallax side focus adjustment (on selected models)

Each MINOX riflescope comes complete with a Scopecoat™ protective field cover (except ZA 5 6-30x56 SF).

ZA-i Riflescopes



For Extended Use in Difficult Lighting Conditions

Originally developed for the U.S. market, the MINOX ZA Line offers a wide range of riflescopes for all types of hunting and target shooting situations.

Two of these models have now been modified and include an illuminated red dot reticle for extended use in difficult lighting situations. Both new ZA-i scopes are now ideal for hunting in dusk and offer the marksman a higher concentration and certainty at the decisive moment.

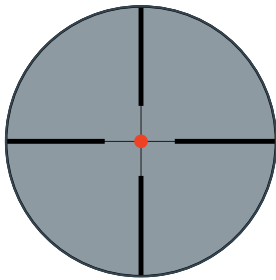


ZA 5i 2-10 x 50 – The ideal allrounder

2x to 10x variable zoom, 50 mm objective. Versatile magnification range with large objective low light performance.

ZA 5i 3-15 x 50 SF – For distant targets

3x to 15x variable zoom, 50 mm objective. Side Focus Parallax Adjustment and large objective extends accurate shooting range and the shooting day.



The i that makes the difference

Precise reticle with a brilliant illuminated red dot – adjustable in 11 levels of brightness

- Easy access to the reticle intensity adjustment ring
- Extremely bright red dot even for hunting during the day
- Helps you to aim quickly and significantly increase your hit rate
- Red dot visible at the 2nd focal plane
- High energy efficiency and extraordinarily long battery life



The red dot is deactivated at every position between the intensity levels on the adjustment ring. This innovative feature allows for:

- Quick deactivation of the red dot when not needed
- Quick reactivation of the red dot to the previously set intensity for fast aiming when required.



MINOX Comfort Service

By registering your MINOX ZA or ZA-i riflescope, you will immediately benefit from the advantages of the MINOX Comfort Service. From the date of registration, your product will be protected against manufactures defects and functional failures. The MINOX Comfort Service is valid for 30 years from the date of registration.

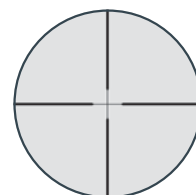
ZV Riflescopes



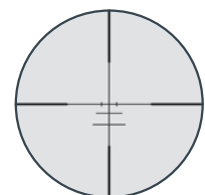
The Value Line

With an excellent price to performance ratio

The MINOX ZV 3 riflescopes deliver outstanding performance that many hunters have only dreamed of. With fantastic optical performance, thanks to fully multi-coated lenses, and reliable mechanics, the ZV 3 riflescopes meet any hunter's demands for a quality piece of gear at an excellent price to performance ratio.



PLEX



BDC



- Outstanding optical performance and mechanics
- Fully multi-coated lenses
- Long 4 inch + eye relief
- Lightweight aluminum body
- Nitrogen filled and waterproof
- Precise 1/4 MOA windage and elevation adjustments



Precise scales for point of impact adjustments



ZV 3 3-9x40
PLEX / BDC

3x to 9x variable zoom, 40 mm objective.
The perfect high-quality allrounder at a great price.

Available from
September 2013Available from
August 2013

MINOX ZE-i Riflescopes		ZE 5i 1-5x24	ZE 5i 2-10x50	ZE 5i 3-15x56 SF	ZE 5i 5-25x56 SF
Objective Lens	Clear aperture (inch)	0.94	1.97	2.20	2.20
	Parallax adjustment – range (side focus)	109 yds / 100 m	109 yds / 100 m	55 yds / 50 m - ∞	55 yds / 50 m - ∞
	Fully multicoated	Yes	Yes	Yes	Yes
Eyepiece	Eye relief	3.94"	3.94"	3.94"	3.94"
	Exit pupil high power	0.45"	0.45"	0.45"	0.43"
	Exit pupil low power	0.19"	0.20"	0.15"	0.10"
	Eyepiece – diopter (min)	-2.5	-2.5	-2.5	-2.5
	Eyepiece + diopter (min)	2.5	2.5	2.5	2.5
Power Selector	Magnification high power	5.0	10.0	15.0	25.0
	Magnification low power	1.0	2.0	3.0	5.0
Image	Field of view low power / ft@100 yds	110.6	55.2	36.3	21.6
	Field of view high power / ft@100 yds	23.1	11.5	7.6	4.5
Windage / Elevation	Reticle Adjustment/per Click	1 cm / 100 m	1 cm / 100 m	1 cm / 100 m	1 cm / 100 m
	Windage travel – total	38 MOA	38 MOA	19 MOA	14 MOA
	Elevation travel – total	38 MOA	38 MOA	19 MOA	14 MOA
Mechanical	Main tube outside diameter (inch)	1.2	1.2	1.2	1.2
	Overall length (inch)	11.2	13.2	14.6	16.9
	Front mounting distance (inch)*	3.6	1.8	1.8	3.2
	Rear mounting distance (inch)*	2.4	2.4	2.8	2.8
	Weight	16.9 oz	22.9 oz	26.1 oz	27.9 oz
Order Number	With #4 (German) reticle	66554 (66559**)	66564 (66569**)	66574 (66579**)	66584 (66589**)
	With BDC reticle	<i>n.a.</i>	<i>n.a.</i>	66571 (66576**)	66581 (66586**)
	With Plex reticle	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>
	With Dot reticle	66553 (66558**)	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>

*Not applicable for the ZE 5is models **Order numbers for the ZE 5is models (with Z-Rail)

MINOX ZA Riflescopes		ZA 3 3-9x40	ZA 3 3-9x50	ZA 5 1.5-8x32	ZA 5 2-10x40	ZA 5 2-10x50
Objective Lens	Clear aperture (inch)	1.57	1.97	1.26	1.57	1.97
	Parallax adjustment – range (side focus)	100 yds	100 yds	100 yds	100 yds	100 yds
	Fully multicoated	Yes	Yes	Yes	Yes	Yes
Eyepiece	Eye relief	> 4.0"	> 4.0"	> 4.0"	> 4.0"	> 4.0"
	Exit pupil high power	0.17"	0.22"	0.16"	0.16"	0.20"
	Exit pupil low power	0.53"	0.66"	0.84"	0.79"	0.98"
	Eyepiece – diopter (min)	-2	-2	-2	-2	-2
	Eyepiece + diopter (min)	1.5	1.5	1.5	1.5	1.5
Power Selector	Magnification high power	9	9	8	10	10
	Magnification low power	3	3	1.5	2	2
Image	Field of view low power / ft@100 yds	31.5	31.5	59.6	47.5	47.5
	Field of view high power / ft@100 yds	10.5	10.5	11.8	9.4	9.4
Windage / Elevation	Reticle Adjustment/per Click	1/4" at 100 yards	1/4" at 100 yards	1/4" at 100 yards	1/4" at 100 yards	1/4" at 100 yards
	Windage travel – total	60 MOA	60 MOA	90 MOA	72 MOA	72 MOA
	Elevation travel – total	60 MOA	60 MOA	90 MOA	72 MOA	72 MOA
Mechanical	Main tube outside diameter (inch)	1.0	1.0	1.0	1.0	1.0
	Overall length (inch)	12.3	12.4	11.8	12.4	12.4
	Front mounting distance (inch)	2.19	1.75	1.75	2.19	1.88
	Rear mounting distance (inch)	2.19	2.19	2.19	2.19	2.19
	Weight	13.6 oz	15.0 oz	12.0 oz	12.0 oz	12.0 oz
Order Number	With PLEX reticle	66000	66500	66100	66010	66510
	With #4 (German) reticle	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>
	With BDC reticle	66001	66501	<i>n.a.</i>	66011	66511
	With XR-BDC reticle	<i>n.a.</i>	66502	<i>n.a.</i>	66012	66512
	With VERSA-PLEX reticle	<i>n.a.</i>	<i>n.a.</i>	66103	<i>n.a.</i>	<i>n.a.</i>

For further technical data, reticle information and ballistic properties, see www.minox.com

MINOX ZA Riflescopes		ZA 5 3-15x42	ZA 5 3-15x50 SF	ZA 5 4-20x50 SF	ZA 5 6-30x56 SF
Objective Lens	Clear aperture (inch)	1.65	1.97	1.97	2.20
	Parallax adjustment – range (side focus)	100 yds	25 yds - ∞	25 yds - ∞	25 yds - ∞
	Fully multicoated	Yes	Yes	Yes	Yes
Eyepiece	Eye relief	> 4.0"	> 4.0"	> 4.0"	> 3.9"
	Exit pupil high power	0.11"	0.13"	0.10"	0.07"
	Exit pupil low power	0.55"	0.66"	0.49"	0.37"
	Eyepiece – diopter (min)	-2	-2	-2	-2
	Eyepiece + diopter (min)	1.5	1.5	1.5	1.5
Power Selector	Magnification high power	15	15	20	30
	Magnification low power	3	3	4	6
Image	Field of view low power / ft@100 yds	31.5	31.5	23.6	16.6
	Field of view high power / ft@100 yds	6.3	6.3	4.7	3.3
Windage / Elevation	Reticle Adjustment/per Click	1/4" at 100 yards	1/4" at 100 yards	1/4" at 100 yards	1/4" at 100 yards
	Windage travel – total	60 MOA	50 MOA	80 MOA	40 MOA
	Elevation travel – total	60 MOA	60 MOA	80 MOA	40 MOA
Mechanical	Main tube outside diameter (inch)	1.0	1.0	1.0	1.18
	Overall length (inch)	12.4	12.4	13.4	15.1
	Front mounting distance (inch)	2.06	2.00	2.44	2.81
	Rear mounting distance (inch)	2.19	2.19	2.19	2.25
	Weight	17.0 oz	13.8 oz	25.0 oz	20.5 oz
Order Number	With PLEX reticle	66020	66520	66030	66300
	With #4 (German) reticle	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>
	With BDC reticle	66021	66521	66031	66301
	With XR-BDC reticle	66022	66522	66032	66302
	With VERSA-PLEX reticle	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>

MINOX ZA-i Riflescopes		ZA 5i 2-10x50	ZA 5i 3-15x50 SF	ZV Riflescopes	ZV 3 3-9x40
Objective Lens	Clear aperture (inch)	1.57	1.97		1.57
	Parallax adjustment – range (side focus)	100 yds	25 yds - ∞		100 yds
	Fully multicoated	Yes	Yes		Yes
Eyepiece	Eye relief	>4.0	>4.0		> 4.0"
	Exit pupil high power	4	3.3		0.17"
	Exit pupil low power	20	16.7		0.53"
	Eyepiece – diopter (min)	-2	-2		-2
	Eyepiece + diopter (min)	1.5	1.5		1.5
Power Selector	Magnification high power	10	15		9
	Magnification low power	2	3		3
Image	Field of view low power / ft@100 yds	31.5	31.5		31.5
	Field of view high power / ft@100 yds	6.3	6.3		10.5
Windage / Elevation	Reticle Adjustment/per Click	1/4" at 100 yards	1/4" at 100 yards		1/4" at 100 yards
	Windage travel – total	72 MOA	50 MOA		60 MOA
	Elevation travel – total	72 MOA	60 MOA		60 MOA
Mechanical	Main tube outside diameter (inch)	1.0	1.0		1.0
	Overall length (inch)	12.4	12.4		12.3
	Front mounting distance (inch)	1.88	2.00		2.19
	Rear mounting distance (inch)	2.19	2.19		2.19
	Weight	17.7 oz	19.5 oz		13.6 oz
Order Number	With PLEX reticle	66515	66525		66005
	With #4 (German) reticle	<i>n.a.</i>	<i>n.a.</i>		<i>n.a.</i>
	With BDC reticle	<i>n.a.</i>	<i>n.a.</i>		66006
	With XR-BDC reticle	<i>n.a.</i>	<i>n.a.</i>		<i>n.a.</i>
	With VERSA-PLEX reticle	<i>n.a.</i>	<i>n.a.</i>		<i>n.a.</i>

Specifications, features, supply, and design are subject to change.

MINOX

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Product information order number: 99812 02/13/DX/WD en