

Carl Zeiss riflescopes and binoculars



Range Overview 2005



We make it visible.



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Binocular ABC 33

Hunting and the preservation of the species – underpinned by a common aim.

Hunting is a major contribution by mankind to maintaining the ecological equilibrium. Healthy game stocks and diversity of the species would no longer be conceivable without hunters who perform many tasks throughout the year to preserve and maintain biotopes. Game management by rifle plays an absolutely crucial role in this process.

Under at times rigorous conditions, following taxing stalking or waiting, sometimes at immense distances, sometimes in the narrowest aisles of woods, the climax of the hunt is often concentrated on a single brief moment. In this instant it is the quality of the riflescope, in particular, which determines the success of the hunt.

The tradition of sporting huntsman ship and his responsibility towards the game places the hunter under the obligation to use the optimum hunting equipment. This applies to his weapon, binocular and, in particular, to the riflescope.

The ZEISS riflescope range:

Besides the choice of weapon and calibre the riflescope plays a crucial role in hunting success. The ZEISS riflescope range offers an extensive selection of models that are practically graded to hunters' requirements and as such satisfy all-hunting needs.

Be it for sitting game, universal use or rapid shooting on a drive hunt – Carl Zeiss offers the highest standards in quality for your individual hunting requirements.

The majority of the riflescopes are also available with the patented ZEISS inner rail.



Victory Series

The brilliant Victory high performance optics offer top efficiency in all sectors without making any compromises. Featuring the revolutionary Carl Zeiss Advanced Optics System, these models are characterised by top optical performance, above-average fields of view, long eye reliefs, minimum weight and a short design.

Varipoint



For the first time ever, these innovative top-of-the-range models from Carl Zeiss combine reticles in the 1st image plane with an illuminated dot sight in the 2nd image plane. The consistently sized illuminated dot is strongly contrasted and permits immediate concentration on dot and target at any degree of magnification. With infinitely adjustable intensity it may be used both in the twilight and also for rapid shooting during the day and as such is superior to other illuminated reticles.

Diavari



The Diavari models feature the same optical and ergonomic performance as the Varipoint models, however do not feature an illuminated dot in the 2nd image plane. They are optionally available with standard reticles or twilight-compliant illuminated reticles in the 1st image plane.

Z-Point



Reflex sight with illuminated reticle for drive hunting and rapid fire. An innovative alternative, equipped with the latest optics and electronics while at the same time extremely lightweight and compact.

Classic Series

The proven models with an excellent price-performance ratio. This classic series underwent extensive modernisation in 2004. As such it offers an attractively priced yet well balanced alternative for the most varied of requirements.

Diavari



You may choose between four Classic Diavari models with variable magnification, two of which are available with an illuminated reticle for the twilight hours.

Diatl



On the other hand, the three Classic Diatal models feature fixed magnification. A new model is now available with an illuminated reticle for the twilight hours.

Innovation in hunting optics.

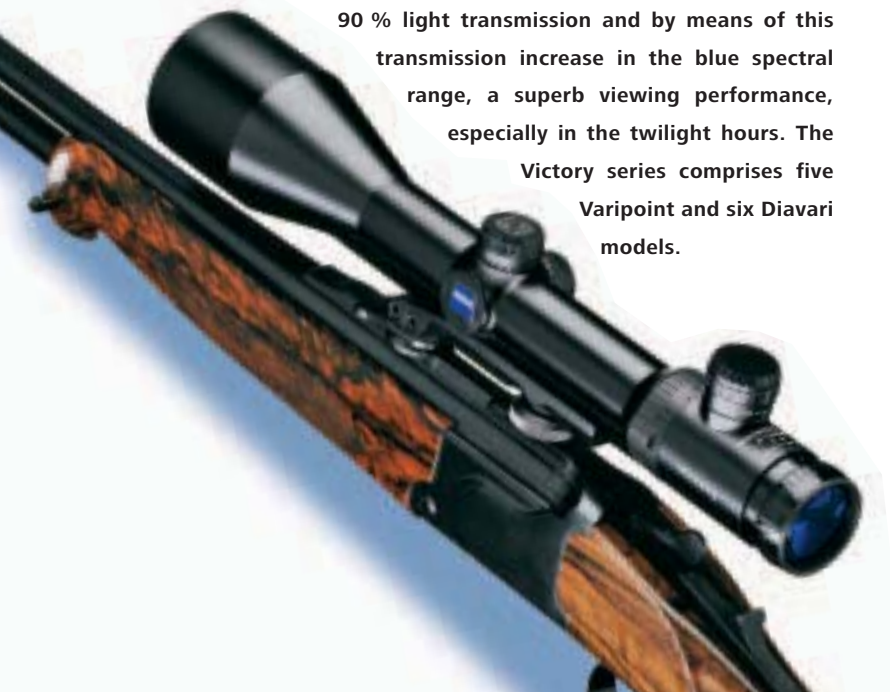
Victory riflescopes

Carl Zeiss has hit the mark again with the Victory series – a further milestone in the 100 year history of ZEISS riflescopes. Maximum transmission, sharp contrast and excellent brilliance describe the image quality of the Victory models. At the same time they are extremely lightweight and compact for their class while offering maximum stability. With regard to eye relief and field of view these Victories offer a first rate performance. These exceptional qualities may be attributed to the ZEISS Advanced Optics System, a revolutionary optics design in conjunction with high refractive glass types. Due to the

ZEISS T* multi-coating the riflescopes achieve over 90 % light transmission and by means of this

transmission increase in the blue spectral range, a superb viewing performance, especially in the twilight hours. The

Victory series comprises five Varipoint and six Diavari models.



Revolutionary quality and optical performance:

- Maximum twilight performance, increased transmission in the blue spectral range due to ZEISS T* multi-coating.
- Optimum contrast at the limit of the human eye's resolution.
- Minimised stray light component even when facing the light.
- Extremely wide fields of view.
- Large eye relief, mounting option up to 90 mm eye relief for particular safety.
- With Advanced Optics System (AOS) for enormous optical performance and sturdiness with minimum weight and short construction length.
- Perfect sealing, no penetration of dust or moisture, nitrogen-filled.
- No exchange with the ambient atmosphere, environmentally tested to ISO 9022-80.
- Absolutely recoil-proof, tested to 1500 G/1 msec in fatigue test, the equivalent of the stress caused by the most powerful hunting calibre.
- Unique, patented ZEISS mounting rail, simple mounting and high value retention¹⁾.
- All models also with fast reticle adjustment feature.
- Easy precise sighting-in using zeroed reticle adjustment and accurate wear-resistant click mechanism.

¹⁾Victory Diavari 6–24x56 T* and 6–24x72 T* only available without inner rail.

See page 18 for technical data.





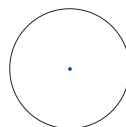
Victory Varipoint riflescopes

A unique achievement by Carl Zeiss: the combination of an illuminated dot sight and premium riflescope with variable image magnification. The Victory Varipoint with the illuminated dot that may also be used in broad daylight is a revolutionary innovation that permits even faster aiming and increased accuracy, either at running game in narrow aisles and standing or grazing game at a greater distance – in deep twilight or gleaming sunlight. The intensity of the red illuminated dot is infinitely adjustable and may be adapted to most varied light conditions with high contrast and no glare. In contrast to conventional illuminated dot

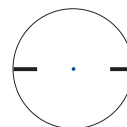
sights with the Varipoint one can take aim even without illumination using the dot which then appears black. Three different illuminated reticles are available for the Varipoint models for „Day & Night“, with strong luminous intensity for hunting in broad daylight and an adjustable dimming feature for sitting game in the deep twilight hours. The illuminated dot in the 2nd image plane (non-magnifying) is clearly visible at short distance and low magnification; at high magnification it is vastly superior to conventional illuminated reticles as it only conceals a very small section of the target.



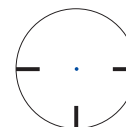
It has proven to be especially advantageous when Victory Varipoint models are sighted in on DJV A2 pattern.



*Reticle 0
Illuminated*



*Reticle 54
6 x magnification
illuminated*



*Reticle 56
6 x magnification
illuminated*

Victory Diavari riflescopes

In contrast to the Victory Varipoint, the Victory Diavari models do not feature an integrated illuminated dot sight. All other excellent performance features of the Victory series of course apply.

The 6 high-performance riflescope models cover all hunting requirements. The Victory Diavari models from a 50 mm objective lens diameter onwards are additionally available with an illuminated reticle.



Victory Varipoint 1.1-4 x 24 T*



In the shape of this high tech riflescope Carl Zeiss has produced a truly outstanding innovation, specially designed for drive hunting. Extremely light and easy to handle, with 36 m/100 m it currently features the widest field of view of all drive hunt riflescopes.

Victory Varipoint 1.5-6 x 42 T*

The all-rounder for stalking, sitting game and drive hunts: This model satisfies all the demands made of an all-purpose riflescope and surprises with its great performance in the twilight hours. With a 7 mm exit pupil at maximum magnification.

New!

Available from
June 2005 onwards.

Victory Varipoint 2.5-10 x 42 T*

The latest model in the innovative Varipoint series is a powerful lightweight all-rounder that also scores points with its slim line design and convenient handling. Ideal for mountain hunting and stalking.

Victory Varipoint 2.5-10 x 50 T*

Besides drive hunting, this all-round, light-sensitive riflescope is especially suitable for stalking and sitting game at dawn or dusk.

Victory Varipoint 3-12 x 56 T*

The most powerful version of the Victory Varipoint series is the classic day and night-time riflescope: The red illuminated dot may be finely dimmed and may be implemented both in bright sunshine and the darkest twilight hours.



Victory Varipoint 1.1-4 x 24 T*



Victory Varipoint 1.5-6 x 42 T*



Victory Varipoint 2.5-10 x 42 T*



Victory Varipoint 2.5-10 x 50 T*



Victory Varipoint 3-12 x 56 T*

Dot coverage

Reticle 0 of Varipoint 1.1-4 x 24 T*

	25 m	50 m	100 m	200 m
Magnification 1.1	5.0 cm	10.0 cm	20.0 cm	40.0 cm
Magnification 2.0	2.8 cm	5.5 cm	11.0 cm	22.0 cm
Magnification 4.0	1.4 cm	2.8 cm	5.5 cm	11.0 cm

Reticles 0, 54 and 56 of Varipoint 1.5-6 x 42 T*

	25 m	50 m	100 m	200 m
Magnification 1.5	3.7 cm	7.4 cm	14.7 cm	29.4 cm
Magnification 3.0	1.8 cm	3.7 cm	7.4 cm	14.7 cm
Magnification 6.0	0.9 cm	1.8 cm	3.7 cm	7.4 cm

Reticles 0, 54 and 56 of Varipoint 2.5-10 x 42 T*

	25 m	50 m	100 m	200 m
Magnification 2.5	2.2 cm	4.4 cm	8.8 cm	17.6 cm
Magnification 5.0	1.1 cm	2.2 cm	4.4 cm	8.8 cm
Magnification 10	0.55 cm	1.1 cm	2.2 cm	4.4 cm

Reticles 0, 54 and 56 of Varipoint 2.5-10 x 50 T*

	25 m	50 m	100 m	200 m
Magnification 2.5	2.2 cm	4.4 cm	8.8 cm	17.6 cm
Magnification 5.0	1.1 cm	2.2 cm	4.4 cm	8.8 cm
Magnification 10	0.55 cm	1.1 cm	2.2 cm	4.4 cm

Reticles 0, 54 and 56 of Varipoint 3-12 x 56 T*

	25 m	50 m	100 m	200 m
Magnification 3.0	1.8 cm	3.7 cm	7.4 cm	14.7 cm
Magnification 6.0	0.9 cm	1.8 cm	3.7 cm	7.4 cm
Magnification 12.0	0.45 cm	0.9 cm	1.8 cm	3.6 cm

See page 18 for technical data and order numbers.



Victory Diavari 1.5-6 x 42 T*

The lightweight with the widest field of view in its class: 24 m/100 m. With its low mount it is ideal for all drop-barrel weapons. Its minimum weight facilitates handling and reflects the trend towards light hunting equipment.

New!

Victory Diavari 2.5-10 x 42 T*

Available from
June 2005 onwards.

The new lightweight all-purpose model is slimline, easy to handle and the perfect choice for hunting in the mountains and stalking. The Victory Diavari 2-10x42 T* was specially developed for lightweight, easy-to-handle drop barrel weapons.

Victory Diavari 2.5-10 x 50 T*

The compact, lightweight all-round riflescope: With a 50 mm objective lens diameter this model is a very powerful riflescope that also offers an impressive performance when used for sitting game at night. Another sensational feature is its field of view of 14.5 m/100 m.

Victory Diavari 3-12 x 56 T*

The no.1 in its performance class: The extremely compact, lightweight Victory Diavari 3-12x56 T* is a riflescope of superlative standard for the most varied hunting situations. Due to its excellent twilight performance even when the last light is fading.

Victory Diavari 6-24 x 56 T*

The tele-riflescope: the model for target shooting and hunting at long range. Very high magnification levels are also a benefit for experienced hunters in steppe and mountain country. Due to parallax compensation it may be implemented to the full even at maximum magnification.



Victory Diavari 1.5-6x42 T*



Victory Diavari 2.5-10 x 42 T*



Victory Diavari 2.5-10 x 50 T*



Victory Diavari 3-12x56 T*



Victory Diavari 6-24x56 T*



Victory Diavari 6-24x72 T*

See page 18 for technical data and order numbers.

New!

Victory Diavari 6-24 x 72 T*

Available from
June 2005 onwards.

The „big brother“ of the 6-24x56 T*. Due to the larger exit pupil, aiming is perceptibly simplified and twilight performance further increased especially in the case of high magnifications.



Proven and improved.

Classic Diavari/Diatl

The Carl Zeiss Classic riflescope range which has enjoyed high popularity throughout the world since its launch in 1990 underwent complete modernisation in 2004. In comparison to its predecessors fields of view were thus enlarged and weight minimised. With the newly designed optics, an attractively priced, well-balanced alternative to the premium products in the Victory family was thus developed.

Due to their ruggedness and recoil resistance Classic riflescopes may always be relied upon even in difficult terrain and inclement weather conditions. The seven Classic models hereby cover the entire hunting implementation range. Choose from four Classic Diavari models with variable magnification and three fixed magnification Classic Diatal riflescopes.



Proven technology successfully improved:

- Optimised image quality due to newly designed optics.
- Over 90 % transmission due ZEISS T* multi-coating on all interior glass-air surfaces.
- Increased vision in the twilight due to increased transparency in the blue spectral range.
- Considerably enlarged fields of view.
- Extremely resilient aluminium casing.
- Perfect sealing, no penetration of dust or moisture, nitrogen-filled.
- No exchange with the ambient atmosphere, environmentally tested to ISO 9022-80.
- Matt anodised surface protects against scratches.
- Unique, patented ZEISS mounting rail, simple mounting and high value retention.
- Absolutely recoil-proof, tested to 1500 G/1 msec in fatigue test, the equivalent of the stress caused by the most powerful hunting calibre.
- All models also with fast reticle adjustment feature.
- Easy precise sighting-in using zeroed reticle adjustment and accurate wear-resistant click mechanism.

See page 18 for technical data and order numbers.



Classic Diavari 1.1-4 x 24 T*

Ideal for drive or big game hunting: The reticle in the 2nd image plane remains constant in size and is thus always clearly visible when snap shooting at low magnification.

Classic Diavari 1.5-6 x 42 T*

You are bound to enjoy the Classic Diavari 1.5-6x42T* as a powerful, convenient all-rounder regardless of whether stalking, sitting game, drive or mountain hunting is involved.

Classic Diavari 2.5-10 x 50 T*

For stalking or sitting game until deep into the twilight hours this light-sensitive universalriflescope may be optimally implemented. Moreover, it also ranks as one of the lightweights in its class.

Classic Diavari 3-12 x 56 T*

The top model of the series is first choice when it comes to the most diverse of hunting pursuits. Its exceptional twilight performance ensures a clear view even as the last light fades.

Classic Diatal 6 x 42 T*

The Classic Diatal 6x42 T* is a lightweight riflescope for easy-to-handle, elegant drop barrel rifles or lightweight repeaters and is particularly suitable for stalking and mountain hunting.

New!

Classic Diatal 7 x 50 T*

Available from
May 2005 onwards.

The latest Classic development offers a wide performance spectrum. With the first fixed magnification ZEISS model with illuminated reticle you are well equipped for stalking and sitting game into the deep twilight hours.



*Classic Diavari 1.1-4x24 T**



*Classic Diavari 1.5-6x42 T**



*Classic Diavari 2.5-10x50 T**



*Classic Diavari 3-12x56 T**



*Classic Diatal 6x42 T**



*Classic Diatal 7x50 T**



*Classic Diatal 8x56 T**

See page 18 for technical data and order numbers.

Classic Diatal 8 x 56 T*

Opt for the Classic Diatal 8x56 T* and you obtain a lightweight, light-sensitive classic model, ideal for sitting game in the twilight hours. This model is moreover optimally suited for fox hunting calibre rifles.



The alternative.

Z-Point - the innovative reflex sight.



The Z-Point reflex sight. The compact sighting device with innovative qualities.

With its first reflex sight, Carl Zeiss offers an innovative sighting instrument equipped with the latest optical and electronic systems. The Z-Point is also equipped with a number of exclusive features that distinguishes it from models of other manufacturers.

The best example is the hybrid power supply by battery and solar cell. This Zeiss patent is the first of its kind in the world: in daylight, the solar cell supplies power to the red illuminated reticle, saving the battery and prolonging its life. Once the daylight fades, the electronic system automatically switches over to battery mode.

Further Z-Point features in brief:

- Digital function control via computer chip
- Automatic switch-off function
- One-button function operation
- May be mounted on rifles, shotguns, small-arms, handguns, CO2 rifles and air rifles etc.
- Quick and easy mounting
- Small dimensions, lightweight design
- Spring clamp for Picatinny and Weaver rails

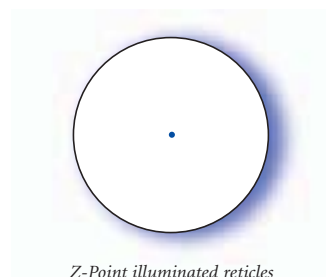




A further innovation is the fact that the brightness of red dot is automatically adjusted to the ambient brightness but may also be manually set. Due to a new, patented arrangement of the light source the brightness of the red dot remains constant even when viewed at an angle.

This greatly facilitates fast aiming at the target. The Z-Point is thus ideal for drive hunting – especially in narrow aisles. The greatest overview is always afforded with both eyes open.

It goes without saying that the Z-Point fulfils all requirements demanded of a quality sight. It is recoil-proof, waterproof, shock and vibration-resistant. Its casing is made of high-strength aluminium.



Z-Point illuminated reticles

Z-Point reflex sight	
Magnification	1 x
Dot size	10 cm at 100 m distance
Adjustment range	+ 2 m at 100 m, quadratic: + 1.4 m at 100 m
Transmission	78 % in spectral range 400 nm – 1,000 nm
Power supply	solar cells, 3 V lithium button cells CR 2032
Dimensions	Height: 44.5 mm Width: 36 mm, Length: 63.5 mm
Weight	160 g without battery
Order number	52 16 98-99 01 (Picatinny rail) 52 16 98-99 02 (Weaver rail)

Z-Point on a repeater of drive hunt calibre: this combination is lightweight and easy-to-handle.

The Z-Point may also be implemented successfully for practical shotgun shooting.

Hand guns with Z-Point for practical pistol shooting.



Illuminated reticles for riflescopes of the Victory Varipoint series

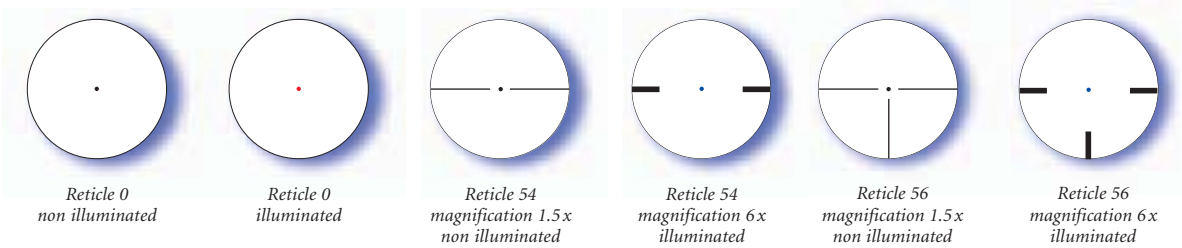


Diagram of Varipoint reticles at different distances and magnification levels:

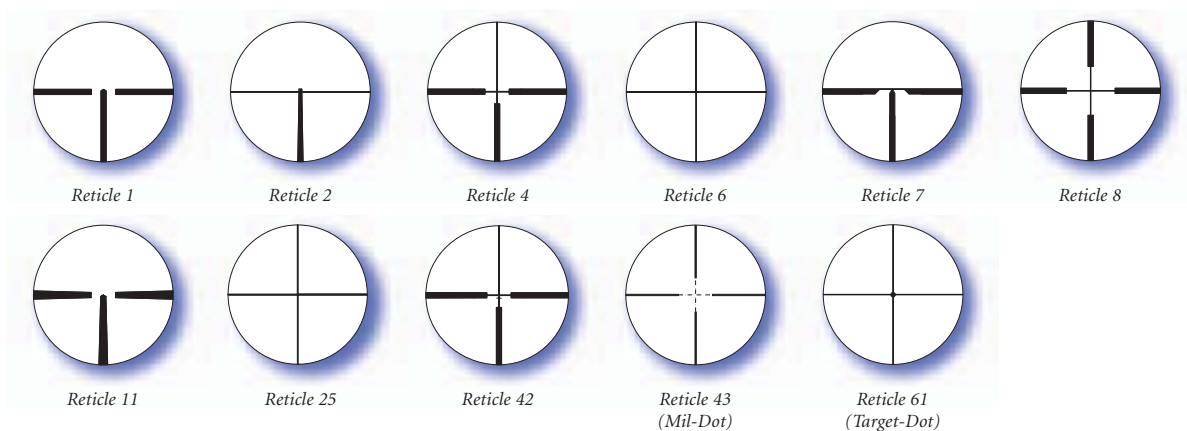
Reticle 0 of the Victory Varipoint 1.5-6 x 42 T*

Distance	25 m	50 m	100 m	200 m
Magnification				
V=1.5x				
V=3x				
V=6x				

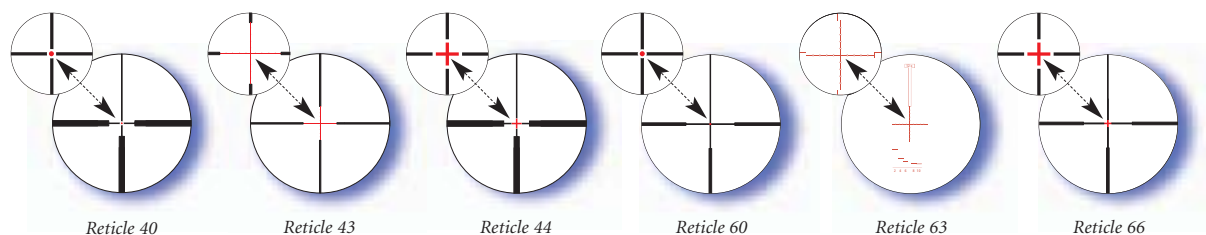
Reticle 54 of the Victory Varipoint 1.5-6 x 42 T*

Distance	25 m	50 m	100 m	200 m
Magnification				
V=1.5x				
V=3x				
V=6x				

Reticles for riflescopes of the Victory Diavari and Classic Diavari/Diatl series:



Illuminated reticles for riflescopes of the Victory Diavari and Classic Diavari/Diatl series:



			Available reticles													Illuminated reticles										
Victory			Image plane	1	2	4	6	7	8	11	25	42	43	61	0	40	43	44	54	56	60	63	66			
Varipoint	1.1-4 x 24 T*	2													• ⁺											
Varipoint	1,5-6 x 42 T*	1 (+2)													• ⁺				• ⁺	• ⁺						
Varipoint	2,5-10 x 42 T*	1 (+2)													• ⁺				• ⁺	• ⁺						
Varipoint	2,5-10 x 50 T*	1 (+2)													• ⁺				• ⁺	• ⁺						
Varipoint	3-12 x 56 T*	1 (+2)													• ⁺				• ⁺	• ⁺						
Diavari	1.5-6 x 42 T*	1		•		•	•	•	•	•																
Diavari	2,5-10 x 42 T*	1				•				•	•															
Diavari	2,5-10 x 50 T*	1		•		•	•	•	•	•		•				•		•			•			•		
Diavari	3-12 x 56 T*	1		•		•	•	•	•	•			•			•	•	•			•			•		
Diavari	6-24 x 56 T*	2				•							•	•		•	•					•				
Diavari	6-24 x 72 T*	2														•	•					•				
Classic																										
Diavari	1.1-4 x 24 T*	1			•	•				•	•	•														
Diavari	1.5-6 x 42 T*	1		•		•				•	•															
Diavari	2,5-10 x 50 T*	1		•		•				•	•		•			•		•			•			•		
Diavari	3-12 x 56 T*	1		•		•				•	•					•		•			•			•		
Diatl	6 x 42 T*	1		•		•				•			•													
Diatl	7 x 50 T*	1														•		•			•			•		
Diatl	8 x 56 T*	1		•		•				•																

* Illuminated reticles for day and twilight.

Always on target – at any distance.

With the fast reticle adjustment feature

The practical fast reticle adjustment feature is available for all Victory and Classic riflescopes (except Victory Diavari 6–24x56 and 6–24x72 T*). You are now offered the opportunity of always sighting at dead centre. At the Carl Zeiss Sports Optics service centre an ASV ring is built into the elevation which is matched to the trajectory path of the load you use. With the ASV the bullet's trajectory path is appropriately compensated so that at long distances the bullet drop need not be compensated for by aiming beyond the target.



In order to sight at dead centre at the required distance of 100, 150, 200, 250, 300 metres, the ring must simply be turned to the appropriate marking 1, 1.5, 2, 2.5 or 3.

ASV ring	Distance in m	100 m	150 m	200 m	250 m	300 m
1	No. of clicks Correction in cm	0 0.0	1 1.5	4 8.0	7 17.5	10 30.0
2	No. of clicks Correction in cm	0 0.0	2 3.0	5 10.00	9 22.5	13 39.0
3	No. of clicks Correction in cm	0 0.0	3 4.5	6 12.0	11 27.5	16 48.0
4	No. of clicks Correction in cm	0 0.0	3 4.5	8 16.0	13 32.5	19 57.0
5	No. of clicks Correction in cm	0 0.0	4 6.0	10 20.0	16 40.0	22 66.0
6	No. of clicks Correction in cm	0 0.0	4 6.0	12 24.0	19 47.5	27 81.0
7	No. of clicks Correction in cm	0 0.0	6 9.0	14 28.0	23 57.5	32 96.0

1 click = 1 cm/100 m



Sighting in at the turn of a hand.

With the zeroed fast reticle adjustment feature for ZEISS Victory and Classic riflescopes

All ZEISS Victory and Classic riflescopes (except Victory Diavari 6–24x56 and 6–24x72 T*) possess a reticle adjustment feature with zero position. Sighting in with various loads is thus facilitated considerably. And very importantly: you can return at the flick of a hand to the zero position for a load for which you have already sighted in. The reticle adjustment feature is manufactured with high precision, assuring one hundred per cent repeatability. Waterproof even with the elevation cap removed.

The highlight is the click stop setting which is calibrated to 1 click $\hat{=}$ 1 cm at 100 m.

► Note: Victory riflescopes with the current reticle adjustment may be retrofitted for the new type at the ZEISS factory.



With the zeroed reticle adjustment feature sighting-in is child's play.

Change without wear and tear.

The patented inner rail

According to the experts the best riflescope mounting system in the world: the patented ZEISS inner rail for Victory and Classic riflescopes. The ZEISS inner rail is a superb solution: a hollow rail runs along the lower part of the one-piece tube body. In it, the mounting elements are secured, entirely recoil-proof and invisible. The riflescope may be mounted and removed without leaving any marks. Even the position of the riflescope on the weapon (eye relief) may be adjusted to suit any marksman in a matter of minutes without any mechanical interventions.



A cross-section of the Victory series tube indicates the impressive wall thickness and the patented ZEISS inner rail: according to experts the best riflescope mounting system in the world.



Overview of the ZEISS riflescope range

	Victory series																		Classic series																	
	Varipoint										Diavari								Diavari								Diatel									
	1,1-4x24 T*		1,5-6x42 T*		2,5-10x42 T*		2,5-10x50 T*		3-12x56 T*		1,5-6x42 T*		2,5-10x42 T*		2,5-10x50 T*		3-12x56 T*		6-24x56 T*		6-24x72 T*		1,1-4x24 T*		1,5-6x42 T*		2,5-10x50 T*		3-12x56 T*		6x42 T*		7x50 T*		8x56 T*	
Magnification	1.1 x	4 x	1.5 x	6 x	2.5 x	10 x	2.5 x	10 x	3 x	12 x	1.5 x	6 x	2.5 x	10 x	2.5 x	10 x	3 x	12 x	6 x	24 x	6 x	24 x	1.1 x	4 x	1.5 x	6 x	2.5 x	10 x	3 x	12 x	6 x	7 x	8 x			
Effective objective lens diameter (mm)	16.3	24.0	22.6	42.0	37.3	42.0	37.7	50.0	44.0	56.0	22.6	42.0	37.3	42.0	37.7	50.0	44.0	56.0	56.0	56.0	72.0	72.0	16.0	24.0	22.5	42.0	37.2	50.0	43.8	56.0	42.0	50.0	56.0			
Field of view (m/100 m) (ft./100 yds.)	36.0 108	10.3 30.9	24.0 72	6.9 20.7	14.5 43.5	4.0 12.0	14.5 43.5	4.0 12.0	12.5 37.5	3.5 10.5	24.0 72.0	6.9 20.7	14.5 43.5	4.0 12.0	14.5 43.5	4.0 12.0	12.5 37.5	3.5 10.5	6.2 18.6	1.7 5.1	6.1 18.3	1.7 5.1	34.0 102.0	10.0 30.0	22.0 66.0	6.7 20.1	13.0 39.0	4.0 12.0	11.0 33.0	3.4 10.2	7.0 21.0	5.8 17.4	5.2 15.6			
Twilight performance	3.1	9.8	4.2	15.9	7.1	20.5	7.1	22.4	8.5	25.9	4.2	15.9	7.1	20.5	7.1	22.4	8.5	25.9	16.9	36.7	16.9	41.6	3.1	9.8	4.2	15.9	7.1	22.4	8.5	25.9	15.9	18.7	21.2			
Exit pupil (mm)	14.8	6.0	15.0	7.0	15.0	4.2	15.0	5.0	14.7	4.7	15.0	7.0	15.0	4.2	15.0	5.0	14.7	4.7	9.3	2.3	12.0	3.0	14.6	6.0	15.0	7.0	14.9	5.0	14.6	4.7	7.0	7.1	7.0			
Dioptr adjustment range (dpt)	+2/-3		+2/-3		+2/-3		+2/-3		+2/-3		+2/-3		+2/-3		+2/-3		+2/-3		+2/-3		+2/-3		+2/-4		+2/-4		+2/-4		+2/-4		+2/-4		+2/-4			
Eye relief (mm) (inch)	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	90 3.54	80 3.15	80 3.15	80 3.15	80 3.15	80 3.15	80 3.15	80 3.15	80 3.15	80 3.15	80 3.15	80 3.15	80 3.15			
Parallax-free (m) (yds.)	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	50-∞ 54.68-infinite	50-∞ 54.68-infinite	50-∞ 54.68-infinite	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36	100 109.36			
Square adjustment path (cm/100 m) (inch/100 yds.)	326* 117.4*	204* 73.4*	122* 43.9*	122* 43.9*	122* 43.9*	122* 43.9*	122* 43.9*	122* 43.9*	122* 43.9*	122* 43.9*	204* 73.4*	122* 43.9*	122* 43.9*	122* 43.9*	122* 43.9*	122* 43.9*	122* 43.9*	122* 43.9*	160/70 57.6/25.2	160/70 57.6/25.2	160/70 57.6/25.2	370 133.2	370 133.2	230 82.8	230 82.8	140 50.4	140 50.4	120 43.2	120 43.2	170 61.2	170 61.2	180 64.8	180 64.8			
Adjustment per click (cm/100 m) (inch/100 yds.)	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	1 0.36	0.5 0.18	0.5 0.18	0.5 0.18	0.36 1	0.36 1	0.36 1	0.36 1	0.36 1	0.36 1	0.36 1	0.36 1	0.36 1	0.36 1	0.36 1	0.36 1			
Centre tube diameter (mm) (inch)	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	30 1.18	25.4 1	25.4 1	25.4 1	25.4 1	25.4 1		
Objective tube diameter (mm)	30	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	30	48	48	48	48	48	48	48	48	48	48	48		
Eye piece tube diameter (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	45	45	45	41	41	41	41	41	41	41	41	41	41	41	41	41		
Lenght (mm) (inch)	300 11.81	325 12.80	325 12.80	325 12.80	325 12.80	325 12.80	325 12.80	325 12.80	357 14.06	357 14.06	312 12.28	312 12.28	312 12.28	312 12.28	318 12.52	318 12.52	344 13.54	344 13.54	377 14.84	377 14.84	378 14.88	378 14.88	296 11.65	296 11.65	326 12.83	326 12.83	325 12.80	325 12.80	350 13.78	350 13.78	322 12.68	322 12.68	325 12.80	325 12.80		
Weight with rail/with illuminated reticle (g) (oz.)	-/477 -/16.83	-/550 -/19.40	-/550 -/19.40	-/550 -/19.40	-/580 -/20.46	-/580 -/20.46	-/580 -/20.46	-/580 -/20.46	-/640 -/22.57	-/640 -/22.57	467/- 16.47/-	467/- 16.47/-	465/- 16.40/-	465/- 16.40/-	494/522 17.43/18.41	494/522 17.43/18.41	555/583 19.58/20.56	555/583 19.58/20.56	-/- -/	-/- -/	-/- -/	445/- 15.70/-	445/- 15.70/-	500/- 17.64/-	500/- 17.64/-	530/545 18.69/19.22	530/545 18.69/19.22	580/595 20.46/20.99	580/595 20.46/20.99	440/- 15.52/-	440/- 15.52/-	-/480 -/16.93	-/480 -/16.93	520/- 18.34/-	520/- 18.34/-	
Weight without rail/with illuminated reticle (g) (oz.)	-/450 -/15.87	-/525 -/18.52	-/525 -/18.52	-/525 -/18.52	-/545 -/19.22	-/545 -/19.22	-/545 -/19.22	-/545 -/19.22	-/605 -/21.34	-/605 -/21.34	440/- 15.52/-	440/- 15.52/-	460/488 16.23/17.21	460/488 16.23/17.21	521/549 18.38/19.37	521/549 18.38/19.37	805/825 28.40/29.10	805/825 28.40/29.10	-/1,060 -/37.39	-/1,060 -/37.39	-/1,060 -/37.39	420/- 14.81/-	420/- 14.81/-	480/- 16.93/-	480/- 16.93/-	510/525 17.99/18.52	510/525 17.99/18.52	560/575 19.75/20.28	560/575 19.75/20.28	420/- 14.81/-	420/- 14.81/-	-/460 -/16.23	-/460 -/16.23	495/- 17.46/-	495/- 17.46/-	
Order numbers	with inner rail without inner rail										52 16 11		52 16 71		52 16 21		52 16 31		52 16 90				52 13 01		52 13 11		52 13 21		52 13 31		52 13 41		52 13 51			
Order numbers with illuminated reticle	with inner rail without inner rail		52 16 04 52 16 05		52 16 14 52 16 15		52 16 78 52 16 79		52 16 28 52 16 29		52 16 38 52 16 39				52 16 24 52 16 25		52 16 34 52 16 35		52 16 95		52 16 93						52 13 24 52 13 25		52 13 34 52 13 35				52 13 64 52 13 65			
					New!								New!								New!												New!			

The right is reserved to modify design and delivery scope due to technical development without notice.

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Which binocular is right for the job?

A binocular reference reveals a lot about its optics system and, indirectly on the suitability of its implementation.

Two values are specified, for instance 7x42. The first, smaller number denotes the binocular magnification factor. The second value of type reference indicates the objective lens diameter of the binocular (exit pupil) in millimetres. Good all-round properties are offered by models with 7 to 10 x magnifications. Models with objective lens diameters of 20-35 mm are sufficient for daytime observation purposes. If a higher twilight performance is required, the objective lens diameter should be larger.

The following applies as a rule: the poorer the light conditions, the larger the objective lens diameter of the binocular should be. The smaller the magnification factor, the larger the field of view, depth of field and twilight capability will be for the same objective lens diameter.

A greater degree of magnification does not automatically mean that one will “see more” as with increased magnification, individual unsteadiness of the hand is also “magnified” and detail recognition declines. Experience has shown that the limit for hand held observing is set at 10x magnification. Binoculars featuring 12x magnification upwards should be supported or used with a tripod or an image-stabilised model implemented.

Which binocular is best suited to your requirements and personal preference may be tested individually at your dealer’s store. Further information is also supplied by our binocular ABC on the fold-out at the end of the brochure!



Overview of various binocular types.

Benefits and implementation areas

Binocular type	Implementation area
Objective lens ø (mm)	
20–25	Pocket binoculars Extremely lightweight, folding binoculars in an exceptionally compact design for daytime use. Ideal companions on walks, city tours, for sports events, concerts and visits to the opera
30–35	Compact, lightweight binoculars for nature observation or hunting (especially in the mountains) In comparison to a standard binocular with a 40/42 mm objective lens diameter these are up to 300 g lighter. For people who rate lightness and compact design more highly than twilight performance.
40–45	The universal binocular for all implementation purposes Still light enough to be carried effortlessly even when covering longer distances. Due however to the larger objective lens diameter it may still be used even in the twilight hours.
> 50	Binoculars designed specially for use in poor light conditions Ideal for sitting game hunters or night observation. Large, heavy binocular and thus will only have limited suitability for extended walks.
65/85	Spotting scopes High magnification models designed for long distance observation. Ideal with tripod and camera adapter for steady, unwobbling observation and convenient image recording.

What do all Carl Zeiss binoculars have in common?

They are characterised by exceptionally high quality, a long service life and are always reliable, even in rugged use, vouched for by long term guarantees and our after sales service. All models are nitrogen-filled to prevent internal lens misting in the case of major temperature fluctuations and climate-proof from -20 to +40 °C. With the exception of some models with special glass, they

are water-tight. Only the best high performance glass with ZEISS T* multi-coating is used for lenses and prisms. The rubber armouring is extremely UV and acid-resistant and thus assures good looks throughout a long service life. Seeing is believing: over 150 years of experience in the manufacture of superior binocular optics is incorporated in ZEISS binoculars.



ZEISS binoculars

**Two product families for
varying demands:**

Victory Series



For people who do not want to make any compromises when it comes to optical performance, ergonomics and handling. The FL binoculars series, in particular – and also in the opinion of many trade journalists – offer optimum brilliance, colour fidelity, together with authentic image rendition due to the use of fluoride glass. Furthermore these products are characterised by maximum transmission values and minimum stray light levels so that on the Victory FL binoculars even models with a 32 mm objective lens diameter still feature sufficient twilight efficiency. Premium products made in Germany.

Conquest series



Excellent products in the middle price range for keen users. These binoculars also rightfully bear the name ZEISS in terms of quality and value, in comparison to the premium products of the Victory series they offer an attractively priced, well balanced alternative made by Carl Zeiss.

Clearly the leading edge.

Victory FL binoculars

The best optical image quality of their class, minimum weight and optimum ergonomics and handling – these are the unbeatable benefits supplied by Victory FL binoculars and their special objective lenses with fluoride glass (FL).



reddot design award
winner 2005

New!

**Victory 8 x 32 T* FL and
10 x 32 T* FL**

Optimum performance in a minimum of space: the unbelievably light, compact and handy Victory 32T* FL models. The Victory 8x32T*FL offers an outstanding performance as a light-sensitive compact binocular for universal use. A close-up of the finest details at extended distances is supplied by the Victory 10x32 T* FL.

| Protected against the elements.



| Deep ribs for an optimum grip.



| Eye cups may be locked in 4 settings.



Victory 8x32 T* FL
order no. 52 32 20
order no. green 52 32 22



Victory 10x32 T* FL
order no. 52 32 21
order no. green 52 32 23



Victory 7x42 T* FL
order no. 52 45 20
order no. green 52 45 30



Victory 8x42 T* FL
order no. 52 45 21
order no. green 52 45 31



Victory 10x42 T* FL
order no. 52 45 22
order no. green 52 45 32

New!

All Victory FL
available in green
from August 2005 onwards.

Included
in delivery scope: eye piece and
objective lens protective cap,
carry belt, Cordura pouch.

See page 31 for technical data.

**Victory 7 x 42 T* FL, 8 x 42 T* FL
and 10 x 42 T* FL**

Top marks for image brilliance and ergonomics: the Victory 7x42 T* FL is a special model with an unparalleled field of view. As a top-of-the-range universal binocular, the Victory 8x42 T* FL offers impressive image quality and user benefits. Nature observers and hunters who value a high degree of detail recognition will opt for the Victory 10x42 T* FL.



Victory 8 x 56, 10 x 56 and 12 x 56 T*

The large objective lens is not the only common denominator shared by these three models. Excellent qualities characterise these Victorys' uniting excellent image quality with still compact dimensions. The Victory 8x56 T* is a „classical“ binocular for use in the dark morning or evening twilight hours. The Victory 10x56 T* is a binocular of immense optical power that offers excellent detail recognition. The high power Victory 12x56 T* permits wonderful viewing at great distances of even minutest details.

With new coating

Victory Compact 8 x 20 T* and 10 x 25 T*

Available from May 2005 onwards.

These pocket binoculars are standard-setters: Outstanding design is united with top technical performance. Now due to dielectrical mirror layers, transmission values could be increased further to produce even brighter images. Folded away quickly the Victory Compact 8x20 T* fits into your breast pocket snugly and is immediately ready for use as required. The slightly larger Victory Compact 10x25 T* is characterised by high magnification in brilliant quality, minimum dimensions and a lightweight design.



Victory 8x56 T*
order no. 52 56 60



Victory 10x56 T*
order no. 52 56 62



Victory 12x56 T*
order no. 52 56 63

Included in delivery scope:
eye piece
protective cap and
neoprene carry straps.



Victory Compact 8x20 T*
order no. 52 20 35



Victory Compact 10x25 T*
order no. 52 20 36

Included in delivery scope:
carry strap
and Cordura pouch
with belt loop.



See page 31 for technical data.



Magnifies nature's diversity.

Conquest binoculars



Conquest 8x30 T*
order no. 52 32 08



Conquest 10x30 T*
order no. 52 32 10



Conquest 8x40 T*
order no. 52 45 08



Conquest 10x40 T*
order no. 52 45 10

Included in delivery scope: eye piece protective cap, carry strap and Cordura pouch with belt loop.

See page 31 for technical data.

Conquest 8 x 30 T* and 10 x 30 T*

Efficiency and ease, compactness and convenience - those are the benefits characterised by these models. Extremely handy to use with a feather weight of only 495 and 510 grams, the universal Conquest 8x30 and 10x30 T* models may be swiftly stowed away in a rucksack or holdall to accompany you in hunting preserves, on hill walks, at sports events or on family outings.

New!

*Available from
August 2005 onwards.*

Conquest 8 x 40T* and 10 x 40 T*

The latest Conquest models continue the attractive price-performance ratio featured by this series, offering nature lovers and hunters alike excellent value for their money: highly varied implementation and a powerful performance spectrum. With a good twilight performance, the universal Conquest 8 x 40 T* provides bright insights into nature. Equally powerful and rugged is the Conquest 10x40 T* with improved detail recognition due to higher magnification.

| Water and dustproof, very rugged.

| Lockable slide/rotary eye cups.

| Including high quality Cordura pouch.



Conquest 12 x 45 T* and 15 x 45 T *

These comparatively compact models with special ratings are ideal for professionals and keen amateurs alike. For, astonishingly lightweight as they are, both these binoculars offer an excellent performance - at an attractive price. Regardless of whether one opts for the Conquest 12x45 T* or 15x45 T*: both models are ideally suited for tricky observation tasks at long distance.



Conquest 12x45 T
order no. 52 45 12*



Conquest 15x45 T
order no. 52 45 15*

*Included in delivery scope: eye piece protective cap,
carry strap and Cordura pouch with belt loop.*

Conquest Compact 8 x 20 T* and 10 x 25 T*

With their ingenious Z-fold, the ultra-light Conquest pocket binoculars fit into every breast pocket and at the same time surprise all with their good performance. On weekend rambles, outdoor trips, cultural and city tours or open air concerts: with a minimum weight of just 185 grams the Conquest Compact 8x20 T* never gets left behind. Due to higher magnification at a weight of only 200 grams the Conquest Compact 10x25 T* is highly popular with mountaineers and lovers of the great outdoors in particular.



Conquest Compact 8x20 T
order no. 52 20 33*



Conquest Compact 10x25 T
order no. 52 20 34*



*Included
in delivery scope: carry cord
and Cordura pouch
with belt loop.*

See page 31 for technical data.



Extraordinary, excellent.

Special binoculars

Nautical binocular

7 x 50 GA T* Marine

On the beach, at the harbour or on the high seas: The model with Porro prisms offers razor-sharp views down to the minutest detail. Even in turbulent seas, due to the spectacle-wearer eye pieces and large exit pupil, steady observation is possible.

20 x 60 S with image stabilisation

20x magnification with a 60 mm objective lens: This superlative binocular permits user-friendly observation without a tripod! Noiseless and without batteries due to the unique mechanical image stabilisation feature.

The classic

8 x 56 GA T* Dialyt

Classicism personified for over 40 years: The 8x56 GA T* Dialyt – a further special premium product from Carl Zeiss. Extremely light-sensitive and a high twilight performer.



7x 50 GA T* Marine
order no. 52 55 05

*Included
in delivery scope: eye piece,
objective lens protective cap
and neoprene carry straps.*



20x60 S
order no. 52 60 00

*Included in delivery scope:
wide carry strap, eye piece
protective cap,
aluminium case.*



8x56 GA T* Dialyt
order no. 52 56 58

*Included in delivery scope: eye
piece protective
cap and neoprene carry straps.*

See page 31 for technical data.



Nightscope

Victory NV 5.6 x 62 T*

Due to the technically sophisticated 20,000x intensification of the light you can recognise objects at a distance of 500 m with 5.6x magnification even in pitch darkness. You are thus supplied with a very large field of view of 146 m at 1000 m, at one of the shortest focusing distances of only 5 m. Due to its compact dimensions, weight of only 1100 g and modern, ergonomic contours, the Victory NV may be operated like a handy camcorder. Further benefits: Spectacle-wearer eye pieces, a user-friendly focusing ring and integrated LED for brightening one's immediate surroundings.



The Victory NV was awarded the Flint Innovation prizes 2003.



Victory NV 5.6x62 T*
order no. 52 30 07

Included in delivery scope: wide carry strap, objective lens and eye piece protective cap, Cordura pouch and batteries.



Torch mount
Order no. 52 30 06-9006



Camera adapter:
Order no. 52 30 06-9007









Adapter for Maglite
Order no. 52 30 06-9008

See page 31 for technical data.

Monos and MiniQuick®

A quick reach into one's jacket pocket and distant objects are brought up close. Carl Zeiss monoculars are so light and handy they are carried around as a matter of course. At the theatre,

museum, on journeys, at sports events, the zoo, circus and outdoors: mono implementation options are practically limitless. The four smaller models may also be used as magnifying aids.

	Monos					
	3 x 12	MiniQuick® 5 x 10 T*	4 x 12 T*	6 x 18 T*	8 x 20 T*	10 x 25 T*
						
Magnification	3 x	5 x	4 x	6 x	8 x	10 x
Objective lens diameter (mm)	12	10	12	18	20	25
Exit pupil (mm)	4	2	3	3	2.5	2.5
Twilight performance	6	7	6.9	10.4	12.6	15.8
Shortest focusing distance (m) / (yds.)	0.2 / 0.22	approx. 4 / 4.37	0.45 / 0.49	0.3 / 0.33	3 / 3.28	4.5 / 4.92
Field of view (m/1,000 m) / (ft./1,000 yds.)	220 / 660	100 / 300	180 / 540	120 / 360	110 / 330	88 / 264
Weight (g) / (oz.)	54 / 1.90	23 / 0.81	45 / 1.59	58 / 2.05	77 / 2.72	88 / 3.10
Height (with extended eye cup) (mm) / (inch)	58 / 2.28	113 / 4.45	70 / 2.76	94 / 3.70	102 / 4.02	118 / 4.65
Order numbers	52 20 12	52 20 10	52 20 50	52 20 51	52 20 52	52 20 53
T* = ZEISS multi-coating						

Zeiss, ZEISS T* and MiniQuick are registered trademarks of Carl Zeiss.



Superlative sights.

Victory Diascope



Diascope 65 and 85 T* FL

Detail description that defies description, excellent contrast and image qualities:

The Diascope spotting scopes are impressive in every respect.

The compact and lightweight Diascope

65 T* FL models are perfect for areas involving long walk-ins. The Victory Diascope 85 T* FL models are deluxe spotting scopes tailored for observers with high standards. All models are available in silver or green variants.

Three eye pieces for both models



Two wide-angle fixed magnification and one zoom eye piece is available for the spotting scopes. The immense field of view may also be fully appreciated by spectacle-wearers.



Victory Diascope 65 T* FL straight viewing
order no. 52 80 02
order no. green 52 80 04



Victory Diascope 65 T* FL 45j angled viewing
order no. 52 80 12
order no. green 52 80 14



Victory Diascope 85 T* FL straight viewing
order no. 52 80 03
order no. green 52 80 05



Victory Diascope 85 T* FL 45j angled viewing
order no. 52 80 13
order no. green 52 80 15

Included in delivery scope: protective cap, excl. eye pieces.

See below for technical data.

Victory spotting scopes and eye pieces						
	Diascope 65 T* FL Straight viewing		Diascope 65 T* FL Angled viewing	Diascope 85 T* FL Straight viewing		Diascope 85 T* FL Angled viewing
Weight (g) / (oz.)	1,100 / 38.80			1,450 / 51.15		
Length (mm) / (inch)	300 / 11.81			345 / 13.58		
Height (mm) / (inch)	105 / 4.13			105 / 4.13		
Width (mm) / (inch)	80 / 3.15			97 / 3.82		
Objective lens diameter (mm)	65			85		
Shortest focusing distance (m) / (yds.)	4 / 4.37			5 / 5.47		
Order numbers	52 80 02		52 80 12	52 80 03		52 80 13
Order numbers green	52 80 04		52 80 14	52 80 05		52 80 15
	Eye piece 23 x	Eye piece 30 x	Zoom eye piece	Eye piece 30 x	Eye piece 40 x	Zoom eye piece
Magnification	23x	30x	15–45x	30x	40x	20–60x
Focal length f (mm)	16.7	12.8	25.1–8.4	16.7	12.8	25.1–8.4
Field of view (m/1,000 m) / (ft./1,000 yds.)	52 / 156	40 / 120	56–26 / 168–78	40 / 120	30 / 90	43–20 / 129–60
Twilight performance	38.7	44.2	31.2–54	50.5	58.3	41.2–71.4
Order numbers	52 80 18	52 80 19	52 80 20	52 80 18	52 80 19	52 80 20
T* = ZEISS multi-coating FL = Fluoride glass						



Exceptionally practical: ZEISS accessories

Quick camera adapter for digital cameras

The swivel quick camera adapter combines spotting scopes with digital cameras and video cameras, thus transforming them into super-teles.

Camera adapter

The camera adapter is screwed onto the spotting scope instead of the eye piece, transforming it into a super tele with a focal length of up to 1,000 mm and 1:12 relative aperture, thus replacing an expensive high power tele objective.













Quick camera adapter
order no. 52 86 10



Camera adapter
order no. 52 80 30

The ZEISS binocular range at a glance

	Binoculars									
	Victory								Victory Compact	
	8 x 32 T* FL	10 x 32 T* FL	7 x 42 T* FL	8 x 42 T* FL	10 x 42 T* FL	8 x 56 T*	10 x 56 T*	12 x 56 T*	8 x 20 T*	10 x 25 T*
	New!	New!								
										
Magnification	8 x	10 x	7 x	8 x	10 x	8 x	10 x	12 x	8 x	10 x
Objective lens diameter (mm)	32	32	42	42	42	56	56	56	20	25
Exit pupil (mm)	4	3.2	6	5.25	4.2	7	5.6	4.67	2.5	2.5
Twilight performance	16	17.9	17.1	18.3	20.5	21.2	23.7	25.9	12.6	15.8
Shortest focusing distance (m) / (yds.)	2 / 2.19	2 / 2.19	2 / 2.19	2 / 2.19	2 / 2.19	5 / 5.47	5 / 5.47	5.5 / 6.01	2.6 / 2.84	4 / 4.37
Field of view (m/1,000 m) / (ft/1,000 yds.)	Wa 140 / 420	Wa 120 / 360	Wa 150 / 450	Wa 135 / 405	Wa 110 / 330	Wa 132 / 396	Wa 110 / 330	Wa 90 / 270	118 / 354	95 / 285
Weight (g) / (oz.)	560 / 19.75	560 / 19.75	740 / 26.10	755 / 26.63	765 / 26.98	1,160 / 40.92	1,200 / 42.33	1,300 / 45.86	225 / 7.94	250 / 8.82
Height ¹⁾ (mm) / (inch)	129 / 5.08	129 / 5.08	164 / 6.46	173 / 6.81	173 / 6.81	200 / 7.87	200 / 7.87	210 / 8.27	102 / 4.02	120 / 4.72
Width ²⁾ (mm) / (inch)	116 / 4.57	116 / 4.57	128 / 5.04	128 / 5.04	128 / 5.04	144 / 5.67	144 / 5.67	145 / 5.71	97 / 3.82	97 / 3.82
Order numbers	52 32 20	52 32 21	52 45 20	52 45 21	52 45 22	52 56 60	52 56 62	52 56 63	52 20 35	52 20 36
Order numbers green	52 32 22	52 32 23	52 45 30	52 45 31	52 45 32					
Page	24	24	24	24	24	25	25	25	25	25
T* = ZEISS multi-coating FL = fluoride glass Wa = binocular with wide angle eye pieces RA = binocular with rubber armouring S = stabilised NV = night viewing										

¹⁾ Height with extended eye cup ²⁾ Width with 65 mm interpupillary distance The right is reserved to modify design and delivery scope serving the interests of further technical development without prior notice.



Astro adapter

The astro adapter for commercially available astro eye pieces transform your spotting scope into a „mobile observatory“. With the astro adapter for astronomical telescopes zoom and fixed eye pieces from the Diascope series may be mounted on astronomical telescopes.

The Carl Zeiss tripod

Exceptional stability with a lightweight design: The tripod is not only an ideal prop for spotting scopes. All binoculars may be mounted on it with a suitable adapter, also appropriate cameras or video cameras.

Mono 3 x 12 as magnifier

The „pocket-size scope“: With the lightweight 54 g Mono 3x12 B as an attachment for practically all ZEISS binoculars you may simply triple magnification power without having to dig too deeply into your wallet. The ideal companion in the mountains and when travelling. The Mono is of course also extremely useful when used individually as a pocket binocular or magnifier for close range implementation (from 20 cm).



Far left: commercially available astro eye piece mounted in centring ring. Left: coupling ring for securing purposes. (eye piece not included in delivery scope) order no. 52 83 84
Right: 1/4E astro adapter, order no. 52 83 85
Far right: 2E astro adapter, order no. 52 83 86



Tripod: order no. 1206.889



Binofix tripod adapter: order no. 52 83 87



Left: Victory Mono 3x12, order no. 52 20 12
Right: adapter ring, suitable for practically all ZEISS binoculars

Conquest								Special scopes			
8 x 30 T*	10 x 30 T*	8 x 40 T*	10 x 40 T*	12 x 45 T*	15 x 45 T*	8 x 20 T*	10 x 25 T*	Nautical binocular 7 x 50 GA T* Marine	with image stabilisation 20 x 60 S	Dialyt 8 x 56 GA T*	Night scope NV 5.6 x 62 T*
8 x	10 x	8 x	10 x	12 x	15 x	8 x	10 x	7 x	20 x	8 x	5.6 x
30	30	40	40	45	45	20	25	50	60	56	62
3.75	3	3	4	3.75	3	2.5	2.5	7.1	3	7	—
15.5	17.3	17.9	20	23.2	26	12.6	15.8	18.7	34.6	21.2	—
3 / 3.28	3 / 3.28	3 / 3.28	3 / 3.28	5 / 5.47	5 / 5.47	3.3 / 3.61	5.5 / 6.01	6.5 / 7.11	14 / 15.31	7 / 7.66	5 / 5.47
120 / 360	96 / 288	120 / 360	105 / 315	80 / 240	64 / 192	110 / 330	88 / 264	130 / 390	52 / 156	110 / 330	146 / 438
495 / 17.46	510 / 17.99	820 / 28.92	820 / 28.92	605 / 21.34	620 / 21.87	185 / 6.53	200 / 7.05	1,200 / 42.33	1,660 / 58.55	1,010 / 35.63	1,100 / 38.80
142 / 5.59	142 / 5.59	165 / 6.50	165 / 6.50	173 / 6.81	173 / 6.81	102 / 4.02	119 / 4.69	144 / 5.67	275 / 10.83	238 / 9.37	233 / 9.17
115 / 4.53	115 / 4.53	128 / 5.04	128 / 5.04	119 / 4.69	119 / 4.69	93 / 3.66	97 / 3.82	215 / 8.46	161 / 6.34	143 / 5.63	70 / 2.76
52 32 08	52 32 10	52 45 08	52 45 10	52 45 12	52 45 15	52 20 33	52 20 34	52 55 05	52 60 00	52 56 58	52 30 07
26	26	26	26	27	27	27	27	28	28	28	29

Zeiss, ZEISS T* and Dialyt are registered trademarks of Carl Zeiss.



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Victory Mono 3 x 12 as magnifier

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Far left: commercially available astro eye piece mounted in centring ring. Left: coupling ring for securing purposes. (eye piece not included in delivery scope) order no. 52 83 84
Right: 1/4E astro adapter, order no. 52 83 85
Far right: 2E astro adapter, order no. 52 83 86



Tripod: order no. 1206.889



Binofix tripod adapter: order no. 52 83 87



Left: Victory Mono 3x12, order no. 52 20 12
Right: adapter ring, suitable for practically all ZEISS binoculars

Conquest								Special scopes			
8 x 30 T*	10 x 30 T*	8 x 40 T*	10 x 40 T*	12 x 45 T*	15 x 45 T*	8 x 20 T*	10 x 25 T*	Nautical binocular 7 x 50 GA T* Marine	with image stabilisation 20 x 60 S	Dialyt 8 x 56 GA T*	Night scope NV 5.6 x 62 T*
8 x	10 x	8 x	10 x	12 x	15 x	8 x	10 x	7 x	20 x	8 x	5.6 x
30	30	40	40	45	45	20	25	50	60	56	62
3.75	3	3	4	3.75	3	2.5	2.5	7.1	3	7	–
15.5	17.3	17.9	20	23.2	26	12.6	15.8	18.7	34.6	21.2	–
3 / 3.28	3 / 3.28	3 / 3.28	3 / 3.28	5 / 5.47	5 / 5.47	3.3 / 3.61	5.5 / 6.01	6.5 / 7.11	14 / 15.31	7 / 7.66	5 / 5.47
120 / 360	96 / 288	120 / 360	105 / 315	80 / 240	64 / 192	110 / 330	88 / 264	130 / 390	52 / 156	110 / 330	146 / 438
495 / 17.46	510 / 17.99	820 / 28.92	820 / 28.92	605 / 21.34	620 / 21.87	185 / 6.53	200 / 7.05	1,200 / 42.33	1,660 / 58.55	1,010 / 35.63	1,100 / 38.80
142 / 5.59	142 / 5.59	165 / 6.50	165 / 6.50	173 / 6.81	173 / 6.81	102 / 4.02	119 / 4.69	144 / 5.67	275 / 10.83	238 / 9.37	233 / 9.17
115 / 4.53	115 / 4.53	128 / 5.04	128 / 5.04	119 / 4.69	119 / 4.69	93 / 3.66	97 / 3.82	215 / 8.46	161 / 6.34	143 / 5.63	70 / 2.76
52 32 08	52 32 10	52 45 08	52 45 10	52 45 12	52 45 15	52 20 33	52 20 34	52 55 05	52 60 00	52 56 58	52 30 07
26	26	26	26	27	27	27	27	28	28	28	29

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