



**FOMEI**  
**OPTICS**

SPORT OPTICS 2025

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## COMPANY PROFILE

Founded in 1990, FOMEI is headquartered in the Czech Republic. Our main business is development, sales and service of equipment, materials and accessories. We export FOMEI products to more than 25 countries in Europe and beyond. We are a comprehensive supplier of goods and services, including warranty and after-warranty service.

## PHOTO DIVISION

In the field of optics, FOMEI is involved in development, sales and service of binoculars and riflescopes for forestry, sport and tourism. In preparing new models, we integrate the experience of partners in the Czech Republic and beyond. FOMEI product prototypes are tested in a wide range of situations, and under the most demanding conditions, in Central Europe, Scandinavia and the Baltic countries. All the knowledge gained is continuously used to improve the level and quality of FOMEI products. The top model lines — FOREMAN®, LEADER® and BEATER® are distributed throughout Europe. FOMEI also actively supports young foresters and sport marksmen. Complete warranty and after-warranty service is provided right at company headquarters in Hradec Králové, Czech Republic. We develop and bring FOMEI products to market based on regular market research. This ensures the most advanced performance across the entire brand range. A special service and quality control team provides continuous service support for all FOMEI products delivered to the market.

## FOMEI OPTICS 30 YEARS ANNIVERSARY

Since 1995, we have been bringing our customers cutting-edge optical instruments that combine precision workmanship, excellent optical performance and reliability. Each FOMEI binocular and riflescope is the result of acquired experience, continuous improvement and cooperation with experts in the field. We thank all our customers for the trust that has enabled us to bring distant horizons closer and bring the joy of observing the world around us for three decades!





## SERVICE

Every FOMEI riflescope and binocular set undergoes individual inspection and adjustment at a special workshop in Hradec Králové. The same workshop provides warranty and after-warranty service.

FOMEI optical devices come with a 3- to 5-year warranty, depending on the model line. Post-warranty service is provided for the entire life of the device. FOMEI service even has the technology to refill devices with inert gas.



## MAGNIFICATION

The most well-known parameter that determines how many times the observed object is brought closer. At higher magnification of the binoculars or riflescope, the observed object also appears more zoomed in. For example using magnification 10x, an object observed at 1000 m will be magnified as if it were observed at 100 m.

## LENS DIAMETER

The lens diameter in binoculars and rifle scopes is determined by the diameter of the front lens through which the light enters the device and is given in millimetres. Devices with a larger diameter have better optical performance under poor light conditions.

## RELATIVE FOCAL RATIO

Relative focal ratio indicates the ratio of magnification to the lens diameter. It is one of the technical parameters of optical devices. When selecting binoculars or a riflescope, it is important to pay attention also to other parameters, such as anti-reflective coatings or prism glass material.

## EXIT PUPIL DIAMETER

The exit pupil diameter is indicated by the ratio of the lens diameter to magnification. The larger the exit pupil, the more light reaches the user's eye. For example, 9x63 binoculars have an exit pupil of 7 mm, so for light passage they are better than 10x42 binoculars, which have an exit pupil of 4.2 mm.



## ALL-GLASS OPTICS

FOMEI binoculars use carefully selected optical glass in the level of the respective model series. All elements of the optical system use optical glass.

## ED TECHNOLOGY (EXTRA-LOW DISPERSION)

FOMEI uses extremely low dispersion materials - ED glass for selected binoculars and spectives. This technology prevents light colour aberration and dramatically increases the image quality, contrast and edge sharpness of the observed objects.

## HTC/DEC – SPECIAL ANTI-REFLECTIVE COATINGS

Every glass component of a FOMEI binocular or riflescope optical system has an anti-reflective coating that perfectly ensures light transmission through the device. The top-of the anti-reflective coating are HTC (High Transmission Coating – for lenses) and DEC (DiElectric Coating – for prisms). Binoculars and riflescopes with those coating are appropriate for observation under poor light conditions.

## APO (APOCHROMATIC COMPONENTS)

APO (apochromatic) optical elements are high-quality optical components that minimize chromatic aberration (color defect) by correcting the refraction of light for three different wavelengths (typically red, green and blue). They provide a clearer and sharper image. APO technology is also used for high-precision microscopes.



## FIELD OF VIEW

The field of view indicates the horizon width at a given distance. Generally it is expressed in metres and is supplemented by the viewing angle. For FOMEL binoculars, we compare at 1000 m and for riflescopes, we indicate the field of view at 100 m. The field of view also depends on the zoom. The higher zoom means the narrower field of view.

## ANTI-REFLECTIVE COATINGS

An important addition to all optical devices is multi-layer anti-reflective protection of the lenses and prisms. It prevents light glare and allows maximum transmittance through the optical system. The level of anti-reflective layers is an important parameter when selecting the binoculars or spotting scopes themselves.

## PHASE COATING

The high-end finishing of the roof prisms in particular ensures that there is no phase shift of light. Thanks to PHASE layers, the contrast is enhanced and the colour rendering is brilliant during observation. The result is excellent image quality.



## DRY NITROGEN FILLING

FOMEI riflescopes, spectives and selected binoculars are filled with an inert gas — dry nitrogen. Its ensures their water and dust resistance. This technology also prevents internal condensation in the optics if there is a sudden temperature change (transition from a cool to a warm).

## TWIST-UP EYEPiece

The most of FOMEI binoculars have a TWIST-UP eyepiece that allows individual adjustment of the eyepiece distance from the eye. When the eyepiece is twisted, it is possible to use this type of binoculars even with glasses.

## ORIGINAL ACCESSORIES

The FOMEI brand supplies the market with a wide range of own accessories for the use and maintenance of binoculars and riflescopes. There are bags, straps, tripods, cleaning kits, neoprene cases for riflescopes, etc.





**BINOCULARS**

# FOREMAN

## BINOCULARS



The exclusive FOMEI FOREMAN® binocular series is manufactured from materials of the highest quality parameters. Due to their excellent light transmission and brilliant image, they are suitable for ornithology and wildlife observation in low-light conditions.

## 10x42 FOREMAN APO

Premium binoculars designed for ornithology, hunting, and hiking. The apochromatic design provides an exceptionally bright and sharp image, perfectly true colors and realistic object rendering.

The binoculars' advantages also include an extraordinary field of view of 136 m at 1 000 meters and a waterproof magnesium alloy body.



# FOREMAN PRO XLD

## 8x42 FOREMAN PRO XLD 10x42 FOREMAN PRO XLD

Compact 8x42 binoculars with exceptional image quality and a field of view of 142 m at 1000 meters! Ideal for hiking, wildlife observation or water sports.

The 10x42 model with popular 10x magnification excels with brilliant image quality and is developed for ornithology, wildlife observing and hiking.



## 8x52 FOREMAN PRO XLD 10x52 FOREMAN PRO XLD

A hunting binocular that combines excellent optical properties with ideal size and weight. It's a perfect companion for observation during daylight and twilight.

The 10x52 model is also suitable for ornithology and evening sky observation.



## 8x56 FOREMAN PRO XLD

Typical hunting binoculars with excellent light transmission ideal for observation in poor light conditions or at night.



BINOCULARS



### 12x56 FOREMAN PRO XLD

Powerful binoculars with 12x magnification and minimal light loss. Ideal for long distance viewing even in poor light conditions.

### 8x56 FOREMAN PRO ED

Exclusive hunting binoculars equipped with powerful optics and components made of ED glass. Provides high light transmission and brilliant images even in poor light conditions.



# LEADER WR

BINOCULARS



Compact and powerful binoculars LEADER® WR meet high demands for use in ornithology, hunting or hiking. The WR lens coating prevents water droplets from adhering in rain and enhances observation quality. The lightweight magnesium alloy body ensures high structural strength and observation comfort.



### 8x50 LEADER WR

The compact binoculars are an indispensable tool for everyday work in difficult conditions in the woods and mountains. Suitable for observation in poor light conditions.

### 10x50 LEADER WR

Compact binoculars suitable for hiking, sports and ornithology. Popular 10x magnification and a lightweight magnesium body guarantee great comfort when observing nature.



# LEADER R

BINOCULARS



Binoculars LEADER® R equipped with PORRO prisms excel with perfect light transmission, wide field of view and great depth of field. Models with fixed magnification are ideal for hunting and observation in low-light conditions. Binoculars with variable "zoom" magnification are an ideal tool for hiking or night sky observation.



### 7x50 LEADER RNV

Thanks to its design, the binoculars can work with so-called "residual light" and they are ideal for observing in poor-light conditions. A great benefit is the extraordinarily wide field of view.

### 9x63 LEADER RSV

Binoculars are suitable for observing the night sky and they are a powerful tool for hunting on a clear night. It excels with a combination of high magnification and exceptional brightness.



BINOCULARS



### 7-21x40 LEADER RZ 8-20x50 LEADER RZ

Binoculars with variable magnification are suitable for everyday use, for sports, hiking and hunting. They can be used in ornithology and observation of clear night skies.

# LEADER

## BINOCULARS



Popular hunting binoculars LEADER® with robust rubber coating are suitable for nature and wildlife observation in low-light conditions. ED glass components provide better sharpness, contrast, and image clarity. The waterproof construction filled with dry nitrogen prevents internal fogging.



**8x56 LEADER**  
**10x56 LEADER**

The ideal assistant for observation in poor light conditions with perfect image quality and waterproof body. Optimal hunting binoculars at an affordable price.

**8x56 LEADER PRO ED**

The use of low light dispersion ED glass provides brilliant images and edge sharpness. This allows observation even in the most demanding lighting conditions.



# BEATER

## BINOCULARS



The binoculars with their robust rubber coating and wide range of models are suitable for observing nature and wildlife even in poor weather conditions. Waterproof, dry nitrogen-filled construction prevents internal fogging. Thanks to their compact dimensions and low weight, the BEATER® models are ideal mainly for hiking, skiing or cycling trips.



Binoculars suitable for everyday observation of nature in rainy weather, twilight and daylight. Ideal variant of economical hunting binoculars.

## 10x50 BEATER

Practical binoculars for hiking, sports or hunting. Optimally combines magnification, weight and fine light transmission.



# BEATER

## 10x25 BEATER

Binoculars suitable for cycling trips or winter skiing expeditions. Its pocket size guarantees it a place in every hiker's equipment.



## 10x25 BEATER MONO

An ultra-compact monocular that is suitable for sports and hiking. Unique for anyone concerned with size and weight.

It is a popular gift for young travelers!



## 8x32 BEATER

Compact binoculars suitable for sports and hiking. Wide field of view, comfortable observation and small size are the main advantages of this model.



BINOCULARS



### 8x42 BEATER

Compact binoculars suitable for nature observation and hunting. Thanks to its wide field of view, it is also suitable for sports activities.

### 10x42 BEATER

Ideal binoculars for nature observation, sports, and especially for hiking. Dimensions, weight as well 10x magnification are the ideal combination for everyday use.



# CLASSIC

## BINOCULARS



Models FOMEI CLASSIC are equipped with PORRO prisms and designed for a wide range of uses. Especially for hiking, sports or possibly for observation in the forest. The thick green-black rubber coating protects the binoculars against possible damage. The metal construction connecting the tubes ensures strength and durability of the binoculars.



### 10x26 CLASSIC

Typical pocket binoculars with minimal dimensions and size. Ideal model for hiking when you need to deal with every gram and space in your backpack.

Ideal gift for the smallest explorers.

### 10x32 CLASSIC 12x32 CLASSIC

Practical pocket binoculars for hiking or sports. Ideal accessory for cycling or skiing.

Ideal gift for young observers.



# CLASSIC

## 8x40 CLASSIC

It optimally combines the advantages of the PORRO designed and compact body. The superior wide field of view of 143m at 1000m is quite extraordinary in this price range and provides high viewing comfort. The binoculars are suitable for hiking or landscape observation.



## 7x50 CLASSIC 10x50 CLASSIC

Model 7x50 is the ideal economical option for hunting use. The solid relative brightness allows observation even in twilight. The versatile model 10x50 is suitable for hiking and hunting.



## 12x50 CLASSIC 20x50 CLASSIC

The 12x and 20x magnification is used on lookout towers, viewpoints or in wireless network installations. Thanks to the construction with PORRO prisms, the binoculars provide a secure and firm grip. The binoculars can be mounted on a tripod for greater viewing comfort.

BINOCULARS



### 8x56 CLASSIC

The 8x56 model is the ideal economical option for observation even in twilight. Its strengths are in particular the large 56mm objective lens, BaK4 optical glass prism and the robust construction.

### 7-21x40 CLASSIC 8-24x50 CLASSIC

Universal zoom binoculars are suitable for hiking, sports or landscape observation. The high magnification is also suitable for network installations. The construction with PORRO prisms allows an ideal and firm grip. When using magnifications above 12x, we recommend the use of a tripod.





# RIFLESCOPES

# FOREMAN

## RIFlescOPES



Riflescopes FOREMAN® combine the benefits of hunting and sport riflescopes. The high light transmission of the HTC layers guarantees the ability to observe even in poor light conditions. The solid light alloy construction filled with dry nitrogen ensures high recoil resistance, waterproof and anti-fog protection.



### 1-6x24 FOREMAN

Classic driven hunt riflescope with 6x magnification, wide field of view and range of rectification. It is ideal for hunting and fast sport shooting.

Available reticle: G4



### 1,7-10x42 FOREMAN

Universal riflescope for daily use with a large magnification range and compact dimensions. Popular universal tool for common and regular hunting.

Available reticle: G4

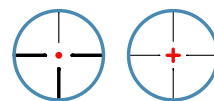




### **2-12x50 FOREMAN**

Universal riflescope for hunting and sport shooting at medium distances. It stands out for its high light transmission, compact dimensions and light weight. Parallax range from 25m contributes to greater aiming comfort.

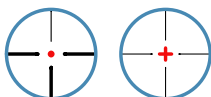
Available reticles: **G4**, **DX**



### **3-18x56 FOREMAN LOCK**

This versatile powerful riflescope excels with a large magnification range of 3-18x, 56mm objective lens and a variety of reticles. The practical feature are a lockable rectification turrets. Optional reticles and magnification range are useful for hunting.

Available reticles: **G4**, **DX**

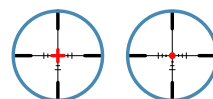




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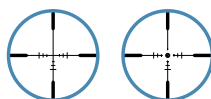
Available reticles: **THC**, **THD**



### **4,5-27x50 FOREMAN**

Sport riflescope designed especially for target shooting. Parallax correction allows accurate shooting at a wide range of distances. The reticles and fine rectification settings are based on the requirements of sport shooters and provide high user comfort and shooting experience.

Available reticles: **THC**, **THD**



# BEATER

## RIFlescOPES



The range of riflescopes BEATER® includes models suitable for hunting and sport shooting. Durable and waterproof construction filled with dry nitrogen is suitable for mounting on all types of hunting and sport weapons. The red dot intensity control is split for day and evening observation.



### **1-4x24 BEATER II**

Lightweight driven hunt riflescope suitable for hunting and sport shooting. It stands out for its durability and compact dimensions.

Available reticle: G4



### **1,5-6x42 BEATER II**

Compact riflescope designed for day hunting and shooting at fast moving targets. Its parameters make it one of the most versatile riflescopes.

Available reticle: G4



### 2,5-10x50 BEATER II

Well-proven hunting rifle scope with excellent light transmission and a practical magnification range. Great combination of utility value, optical performance and responsive operation. The construction and 50 mm objective lens allows mounting on a wide range of weapons.

Available reticle: G4



### 4-16x56 BEATER II

Riflescope specially designed for hunting during the day and twilight. Great light transmission allows observation even at dusk. The magnification range makes this riflescope one of the universal devices suitable for also for casual sport shooting.

Available reticle: G4





### **4-16x56 BEATER II PRL**

Popular variant of hunting rifle scope equipped with parallax correction. This model is ideal for accurate hunt shooting at longer distances and for sport use.

Available reticle: G4



### **4x32 BEATER**

Durable sport riflescope stands out with its compact dimensions and light weight. It is the ideal model for air rifles or small-cal. rifles. The reticle is offered with two version of parallax setting - at 10 or 50 m.

Available reticle: CH



# RED DOT SIGHTS

RED DOT SIGHTS



The FOREMAN® series of Red Dot Sights are characterized by a robust design adapted for mounting on Weaver or Picatinny rails. The device has a bright and precise red dot with adjustable intensity. FOREMAN® products are known for their durability and can be reliably used even on self-loading guns with dynamic breech.



## FOREMAN RDT2

Durable tube construction of the RDT2 is filled with dry nitrogen and offers 11 levels of red dot intensity control. The red dot is intense and precise.

The packing includes low and high mount and waterproof neoprene case.



## FOREMAN RDM3 II

Small reflective Red Dot Sight RDM3 II has an electronic red dot control with ten intensity levels and automatic switching to power saving mode after 4 min. The light dot is reactivated by movement.

It is ideal for pistols, self-loading guns or as a replacement for fixed sights.





# SPOTTING SCOPES

# FOREMAN

## SPOTTING SCOPES



Spotting scopes FOREMAN® the powerful observation telescopes are equipped with ED glass with minimal light dispersion. The high-quality lens and two-speed focusing system provide a brilliant image and excellent viewing comfort. FOREMAN spotting scopes are used in ornithology, hunting or on the sport shooting range. Waterproof nitrogen-filled body allows the use of the scopes in whatever weather.



### **20-60x85 FOREMAN ED (S)\***

Spotting scopes 20-60x85 FOREMAN ED with straight eyepiece is ideal for biathlon and observation from a sitting positions. High-quality optics equipped with ED glasses provide sharp images with true colours even in poor lighting conditions.

The waterproof magnesium alloy body works reliably even in poor weather conditions.

\* (S) straight eyepiece model

### **20-60x85 FOREMAN ED (A)\***

Spotting scopes 20-60x85 FOREMAN ED with angled eyepiece is ideal for ornithology, sky watching or sport shooting ranges. Its design allows the use of a lower tripod or observation from a table top. High-quality optics equipped with ED glasses provide sharp images with true colours even in poor lighting conditions.

The waterproof magnesium alloy body works reliably even in poor weather conditions.

\* (A) angled eyepiece model



### **Precision focusing „dual focus“**

The main advantage is in the combination of fast and fine focusing. This allows very precise focusing even at a long distance of many hundreds of meters.

### 20-60x80 FOREMAN ED (S)\*

Spotting scopes 20-60x80 FOREMAN ED with straight eyepiece is ideal for biathlon and observation from a sitting position. High-quality optics equipped with ED glasses provide sharp images with true colours even in low light conditions.

The waterproof and lightweight body is also ideal for travel and outdoor observation.

\* (S) straight eyepiece model



### 20-60x80 FOREMAN ED (A)\*

Spotting scopes 20-60x80 FOREMAN ED with angled eyepiece is ideal for ornithology, sky watching or sport shooting ranges. Its design allows the use of a lower tripod or observation from a table top. High-quality optics equipped with ED glasses provide sharp images with true colours even in poor lighting conditions.

The waterproof and lightweight body is also ideal for travel and outdoor observation.

\* (A) angled eyepiece model



### Precision focusing „dual focus“

The main advantage is in the combination of fast and fine focusing. This allows very precise focusing even at a long distance of many hundreds of meters.



### **8-24x50 FOREMAN ED**

The optical design of this spotting scope is based on ED glass which provides brilliant images with perfect sharpness and vivid colours. This model is ideal for bird watching, hunting, observing night skies or sport shooting ranges.

The ergonomic design and light weight are also necessary for hiking. The minimum focusing distance of 1.5 m allows observation even of details around us.



# LEADER

SPOTTING SCOPES



Spotting scopes LEADER® are suitable for ornithology, hunting or observation night sky. They are also widely used at sport shooting ranges or as an accessory for hunting. The waterproof nitrogen-filled body allows the LEADER® scopes to be used in all weather conditions.



### 20-60x60 LEADER (A)\*

The basic model of LEADER spotting scopes excels with its bright lens and compact dimensions. Ideal mobile binoculars for observation at medium distances.

\* (A) angled eyepiece model

### 23-70x70 LEADER (A)\* 23-70x70 LEADER (S)\*

This practical spotting scope combines high light transmission and high magnification. Ideal for bird watching, night sky observing or target shooting up to 300 m.

\* (S) straight eyepiece model

\* (A) angled eyepiece model





# ACCESSORIES



### **ALUMIN PRO 3000**

FOMEI ALUMIN PRO 3000 has a metal head and aluminium legs with rubber ends. Rosette connecting the legs and the head column are made of durable aluminium alloys. The tripod is ideal for use with binoculars, cameras or low-weight scopes.

### **ALUMIN PRO 717**

Robust tripod suitable for demanding observers. Fluid lever head with wide quick-release plate ensures stable attachment of observing equipment and smooth movement during observation. It features a highly durable construction and is an essential accessory for high magnification binoculars and spotting scopes. The maximum height is 190 cm.



### **MONOPOD MM-1006**

Monopod is used to mount observation equipment or camera and is best used in situations where you have little space around you (sports, hiking). The advantage is the durable construction and minimal size and weight when folded. The maximum height is 180 cm.



### **Tripod adapters**

The adapter is used to attach the binoculars to a tripod for high magnification and long distance viewing. Ideal for comfortable landscape or night sky observation.





## Neoprene pouch

FOMEI neoprene cases protect riflescopes or red dots sights from weather and mechanical damage. Their great advantage is fast and especially quiet handling. FOMEI cases are suitable for all types of riflescopes.

## Binocular bags

The bags are made of a special waterproof fabric that protects the binoculars against bad weather and mechanical damage. Universal bags of several sizes are suitable for all types of binoculars.



## Profi Straps

The straps are equipped with patented AirCell technology which uses air cushions. The straps better distribute weight and reduce strain on the neck or shoulder. The straps are waterproof and easily washable. The maximum load capacity of the strap is 30 kg.

## Cleaning kits

Cleaning kits are necessary accessory for the maintenance of observation optics or camera lenses. It includes a blowing balloon, cleaning pen, microfiber cloth, antistatic and antibacterial solution for cleaning the optical glass or phone display.





### Universal adapters for mobile phones

Adapter for securely attaching a mobile phone for convenient image capture and recording through the eyepiece of a spotting scope or binoculars.

Includes Bluetooth remote control.

### FOMEI FOREMAN / PARD 007S + A/V adapter

Adapter for mounting PARD 007 for FOMEI FOREMAN rifle scopes. The adapter allows full control of the red dot intensity and diopter correction of the eyepiece.



### Smart phone adapters for spotting scopes

The adapter is used to comfortably take and record pictures via the spotting scopes. The phone is securely clamped and the observer's hands are free for further activities. The adapter is useful for bird, game, sky or target shooting.

Includes Bluetooth remote control.

### Microfibre cleaning cloth

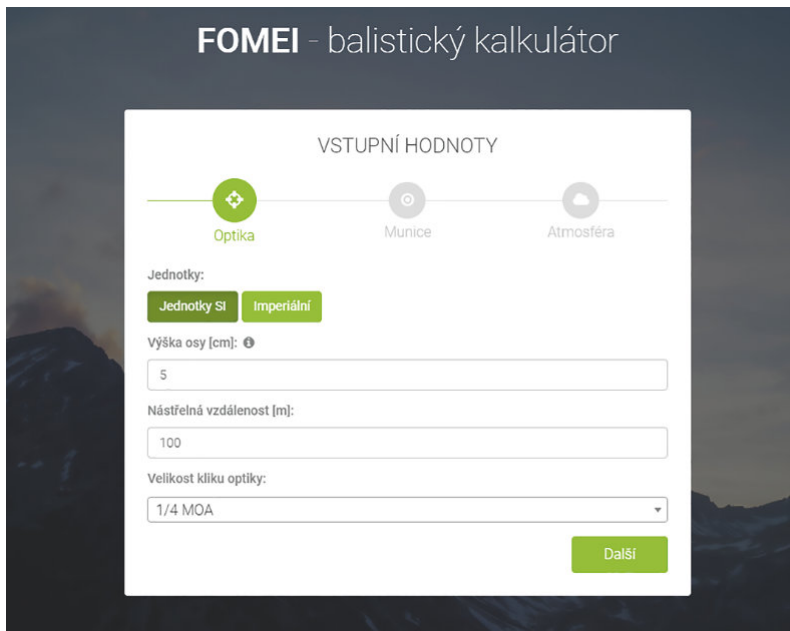
Microfibre cloths for cleaning lens optics, binoculars or glasses. An essential tool for everyday use. Gently cleans and treats optics from dirt, grease or fingerprints.



## Ballistic calculator

After the ammunition data and other main parameters are entered, the ballistic calculator calculates the path of the projectile. The ballistic trajectory can be refined by entering other data, such as the shooting distance, the distance of the riflescope axis from the main axis, the size of the optics handle, altitude, temperature and wind speed. You can download the calculated table to a computer or telephone in PDF format and have the necessary information with you at all times.

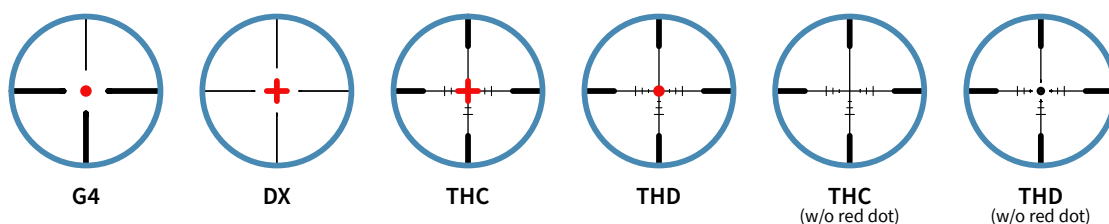
You can find the ballistic calculator here: [kalkulator.fomei.com](http://kalkulator.fomei.com)



The screenshot shows the 'FOMEI - balistický kalkúátor' interface. At the top, it says 'VSTUPNÍ HODNOTY' (Input Values). Below this are three tabs: 'Optika' (selected), 'Munice', and 'Atmosféra'. Under 'Optika', there are two unit selection buttons: 'Jednotky SI' and 'Imperiální'. Below these are three input fields: 'Výška osy [cm]:' with a value of '5', 'Nástřelná vzdálenost [m]:' with a value of '100', and 'Velikost kliku optiky:' with a dropdown menu set to '1/4 MOA'. A green 'Další' (Next) button is at the bottom right.

## Aiming reticles

FOMEI riflescopes use these reticles:



More about reticles can be found here: [osnovy.fomei.com](http://osnovy.fomei.com)



# Technical parameters

## BINOCULARS

### FOREMAN® PRO XLD

| MODEL     | magnification | lens diameter [mm] | viewing angle | field of view at 1000 m [m] | minimal focusing distance [m] | relative focal ratio | exit pupil diameter [mm] | prism glass | lens finish | nitrogen filled | dimensions [mm] | weight [g] | tripod thread | ordering number |
|-----------|---------------|--------------------|---------------|-----------------------------|-------------------------------|----------------------|--------------------------|-------------|-------------|-----------------|-----------------|------------|---------------|-----------------|
| 8x42      | 8x            | 42                 | 8,1°          | 142                         | 2,5                           | 27,56                | 5,25                     | BaK4        | HTC/DEC     | yes             | 130x153         | 745        | yes           | OY2736          |
| 10x42     | 10x           | 42                 | 7,0°          | 122                         | 2,5                           | 17,64                | 4,2                      | BaK4        | HTC/DEC     | yes             | 130x153         | 745        | yes           | OY2737          |
| 8x52      | 8x            | 52                 | 5,6°          | 98                          | 2,5                           | 45,25                | 6,5                      | BaK4        | HTC/DEC     | yes             | 135x164         | 890        | yes           | OY2715          |
| 10x52     | 10x           | 52                 | 5,3°          | 93                          | 2,5                           | 27                   | 5,2                      | BaK4        | HTC/DEC     | yes             | 135x164         | 924        | yes           | OY2716          |
| 8x56      | 8x            | 56                 | 6,5°          | 114                         | 2,5                           | 49                   | 7,0                      | BaK4        | HTC/DEC     | yes             | 145x180         | 1160       | yes           | OY2717          |
| 12x56     | 12x           | 56                 | 5,3°          | 93                          | 2,5                           | 21,78                | 4,7                      | BaK4        | HTC/DEC     | yes             | 143x187         | 1230       | yes           | OY2718          |
| 8x56ED    | 8x            | 56                 | 6,5°          | 114                         | 2,5                           | 49                   | 7,0                      | BaK4        | HTC/DEC     | yes             | 145x180         | 1160       | yes           | OY2735          |
| 10x42 APO | 10x           | 42                 | 7,8°          | 136                         | 2,0                           | 17,64                | 4,2                      | BaK4        | FBMC        | ano             | 156x123         | 890        | yes           | OY1887          |

### LEADER® WR

| MODEL | magnification | lens diameter [mm] | viewing angle | field of view at 1000 m [m] | minimal focusing distance [m] | relative focal ratio | exit pupil diameter [mm] | prism glass | lens finish | nitrogen filled | dimensions [mm] | weight [g] | tripod thread | ordering number |
|-------|---------------|--------------------|---------------|-----------------------------|-------------------------------|----------------------|--------------------------|-------------|-------------|-----------------|-----------------|------------|---------------|-----------------|
| 8x50  | 8x            | 50                 | 5,6°          | 98                          | 3,5                           | 39                   | 6,3                      | BaK4        | SMC WR      | yes             | 140x170         | 800        | yes           | OY2702          |
| 10x50 | 10x           | 50                 | 5,3°          | 93                          | 3,5                           | 25                   | 5,0                      | BaK4        | SMC WR      | yes             | 140x170         | 800        | yes           | OY2703          |

### LEADER® R

| MODEL   | magnification | lens diameter [mm] | viewing angle | field of view at 1000 m [m] | minimal focusing distance [m] | relative focal ratio | exit pupil diameter [mm] | prism glass | lens finish | nitrogen filled | dimensions [mm] | weight [g] | tripod thread | ordering number |
|---------|---------------|--------------------|---------------|-----------------------------|-------------------------------|----------------------|--------------------------|-------------|-------------|-----------------|-----------------|------------|---------------|-----------------|
| 7x50 NV | 7x            | 50                 | 7,1°          | 124                         | 8                             | 51                   | 7,1                      | BaK4        | SMC         | no              | 166x180         | 810        | yes           | OY2304          |
| 9x63 SV | 9x            | 63                 | 5°            | 87                          | 10                            | 49                   | 7,0                      | BaK4        | SMC         | no              | 185x190         | 980        | yes           | OY2403          |
| 7-21x40 | 7-21x         | 40                 | 5,5°          | 96                          | 8 (7x)                        | 32                   | 5,7-1,9                  | BK7         | SMC         | no              | 155x170         | 730        | yes           | OY3012          |
| 8-20x50 | 8-20x         | 50                 | 4,7°          | 82                          | 7 (8x)                        | 39                   | 6,3-2,5                  | BK7         | SMC         | no              | 180x180         | 880        | yes           | OY3011          |

## LEADER®, LEADER® PRO ED

| MODEL         | magnification | lens diameter [mm] | viewing angle | field of view at 1000 m [m] | minimal focusing distance [m] | relative focal ratio | exit pupil diameter [mm] | prism glass | lens finish | nitrogen filled | dimensions [mm] | weight [g] | tripod thread | ordering number |
|---------------|---------------|--------------------|---------------|-----------------------------|-------------------------------|----------------------|--------------------------|-------------|-------------|-----------------|-----------------|------------|---------------|-----------------|
| <b>8x56</b>   | 8x            | 56                 | 6,1°          | 107                         | 3                             | 49                   | 7,0                      | BaK4        | FMC         | yes             | 148x167         | 1055       | yes           | OY1851          |
| <b>10x56</b>  | 10x           | 56                 | 6°            | 105                         | 3                             | 31,4                 | 5,6                      | BaK4        | FMC         | yes             | 148x167         | 1066       | yes           | OY1853          |
| <b>8x56ED</b> | 8x            | 56                 | 6,1°          | 107                         | 3                             | 49                   | 7,0                      | BaK4        | FMC ED      | yes             | 148x167         | 1100       | yes           | OY1861          |

## BEATER®

| MODEL          | magnification | lens diameter [mm] | viewing angle | field of view at 1000 m [m] | minimal focusing distance [m] | relative focal ratio | exit pupil diameter [mm] | prism glass | lens finish | nitrogen filled | dimensions [mm] | weight [g] | tripod thread | ordering number |
|----------------|---------------|--------------------|---------------|-----------------------------|-------------------------------|----------------------|--------------------------|-------------|-------------|-----------------|-----------------|------------|---------------|-----------------|
| <b>10x25 M</b> | 10x           | 25                 | 6°            | 105                         | 6                             | 6,25                 | 2,5                      | BaK4        | FMC         | yes             | 52x120          | 156        | no            | OY1534          |
| <b>10x25</b>   | 10x           | 25                 | 5,8°          | 101                         | 2                             | 6,25                 | 2,5                      | BaK4        | FMC         | yes             | 112x116         | 375        | no            | OY1713          |
| <b>8x32</b>    | 8x            | 32                 | 7,4°          | 129                         | 2                             | 16                   | 4,0                      | BaK4        | FMC         | yes             | 127x130         | 554        | yes           | OY1712          |
| <b>8x42</b>    | 8x            | 42                 | 7,4°          | 129                         | 2                             | 27,6                 | 5,3                      | BaK4        | FMC         | yes             | 127x137         | 665        | yes           | OY1704          |
| <b>10x42</b>   | 10x           | 42                 | 5,8°          | 101                         | 2                             | 17,6                 | 4,2                      | BaK4        | FMC         | yes             | 127x137         | 680        | yes           | OY1705          |
| <b>7x50</b>    | 7x            | 50                 | 5,7°          | 100                         | 4                             | 51                   | 7,1                      | BaK4        | FMC         | yes             | 198x182         | 958        | yes           | OY1714          |
| <b>10x50</b>   | 10x           | 50                 | 5,5°          | 96                          | 3                             | 25                   | 5,0                      | BaK4        | FMC         | yes             | 198x168         | 929        | yes           | OY1715          |

## CLASSIC

| MODEL          | magnification | lens diameter [mm] | viewing angle | field of view at 1000 m [m] | minimal focusing distance [m] | relative focal ratio | exit pupil diameter [mm] | prism glass | lens finish | nitrogen filled | dimensions [mm] | weight [g] | tripod thread | ordering number |
|----------------|---------------|--------------------|---------------|-----------------------------|-------------------------------|----------------------|--------------------------|-------------|-------------|-----------------|-----------------|------------|---------------|-----------------|
| <b>10x26</b>   | 10x           | 26                 | 5,7°          | 99                          | 5                             | 6,76                 | 2,6                      | BK7         | MC          | no              | 115x120         | 300        | ne            | OY1101          |
| <b>10x32</b>   | 10x           | 32                 | 5,9°          | 103                         | 2,5                           | 10,24                | 3,2                      | BK7         | FMC         | no              | 125x130         | 427        | yes           | OY1111          |
| <b>12x32</b>   | 12x           | 32                 | 4,7°          | 82                          | 3,5                           | 7,1                  | 2,7                      | BK7         | FMC         | no              | 125x130         | 430        | yes           | OY1112          |
| <b>8x40</b>    | 8x            | 40                 | 8,2°          | 143                         | 6,5                           | 25                   | 5,0                      | BK7         | FC          | no              | 180x145         | 740        | yes           | OY1202          |
| <b>7x50</b>    | 7x            | 50                 | 6,8°          | 119                         | 8                             | 50                   | 7,1                      | BK7         | FC          | no              | 196x177         | 850        | yes           | OY1311          |
| <b>8x56</b>    | 8x            | 56                 | 6,0°          | 105                         | 8                             | 49                   | 7,0                      | BaK4        | MC          | no              | 200x200         | 1000       | yes           | OY1806          |
| <b>10x50</b>   | 10x           | 50                 | 5,5°          | 122                         | 7                             | 25                   | 5,0                      | BK7         | FC          | no              | 192x165         | 750        | yes           | OY1418          |
| <b>12x50</b>   | 12x           | 50                 | 5,2°          | 92                          | 9                             | 16,8                 | 4,1                      | BK7         | FC          | no              | 195x169         | 800        | yes           | OY1502          |
| <b>20x50</b>   | 20x           | 50                 | 3,0°          | 56                          | 12                            | 6,25                 | 2,5                      | BK7         | FC          | no              | 180x190         | 900        | yes           | OY1605          |
| <b>7-21x40</b> | 7-21x         | 40                 | 5,3° 7x       | 93 7x                       | 8 7x                          | 32,5 7x              | 5,7 7x                   | BK7         | FC          | no              | 153x176         | 710        | yes           | OY3016          |
| <b>8-24x50</b> | 8-24x         | 50                 | 4,5° 8x       | 78 8x                       | 8 8x                          | 39,7 8x              | 6,3 8x                   | BK7         | FC          | no              | 180x190         | 800        | yes           | OY3015          |

# Technical parameters

## RIFLESCOPES

### BEATER®

| MODEL   | magnification | lens diameter [mm] | viewing angle | field of view at 100 m [m] | exit pupil diameter [mm] | tube diameter [mm] | lens finish | rectification | rectification range | parallax settings | length [mm] | weight [g] | ordering number |
|---------|---------------|--------------------|---------------|----------------------------|--------------------------|--------------------|-------------|---------------|---------------------|-------------------|-------------|------------|-----------------|
| 4x32 CH | 4             | 32                 | 6°            | 10,44                      | 8,0                      | 25,4               | SMC         | 1/4 MOA       | 71 MOA              | 10m               | 270         | 310        | OY6256          |
| 4x32 CH | 4             | 32                 | 6°            | 10,44                      | 8,0                      | 25,4               | SMC         | 1/4 MOA       | 71 MOA              | 50m               | 270         | 310        | OY6274          |

### BEATER® II

| MODEL          | magnification | lens diameter [mm] | viewing angle | field of view at 100 m [m] | exit pupil diameter [mm] | tube diameter [mm] | lens finish | rectification | rectification range | parallax settings | length [mm] | weight [g] | ordering number |
|----------------|---------------|--------------------|---------------|----------------------------|--------------------------|--------------------|-------------|---------------|---------------------|-------------------|-------------|------------|-----------------|
| 1-4x24 G4      | 1-4x          | 24                 | 19-5°         | 33,5-8,7                   | 12,1-6,0                 | 30                 | SMC         | 1/4 MOA       | 60 MOA              | (100m)            | 241         | 442        | OY6271          |
| 1,5-6x42 G4    | 1,5-6x        | 42                 | 12-3°         | 21,0-5,2                   | 13,7-7,0                 | 30                 | SMC         | 1/4 MOA       | 60 MOA              | (100m)            | 287         | 545        | OY6272          |
| 2,5-10x50 G4   | 2,5-10x       | 50                 | 7-2°          | 12,2-3,5                   | 12,5-5,0                 | 30                 | SMC         | 1/4 MOA       | 60 MOA              | (100m)            | 325         | 615        | OY6270          |
| 4-16x56 G4     | 4-16x         | 56                 | 4,8-1,2°      | 8,4-2,1                    | 10,8-3,5                 | 30                 | SMC         | 1/4 MOA       | 60 MOA              | (100m)            | 338         | 693        | OY6263          |
| 4-16x56 G4 PRL | 4-16x         | 56                 | 4,8-1,2°      | 8,4-2,1                    | 10,8-3,5                 | 30                 | SMC         | 1/4 MOA       | 60 MOA              | 50 m - ∞          | 338         | 746        | OY6269          |

### FOREMAN®

| MODEL            | magnification | lens diameter [mm] | viewing angle | field of view at 100 m [m] | exit pupil diameter [mm] | tube diameter [mm] | lens finish | rectification | rectification range | parallax settings | length [mm] | weight [g] | ordering number |
|------------------|---------------|--------------------|---------------|----------------------------|--------------------------|--------------------|-------------|---------------|---------------------|-------------------|-------------|------------|-----------------|
| 1-6x24 G4        | 1-6x          | 24                 | 22,5-3,9°     | 40-6,8                     | 9,6-4,0                  | 30                 | HTC         | 1/4 MOA       | 160 MOA             | (100m)            | 274         | 498        | OY6273          |
| 1,7-10x42 G4     | 1,7-10x       | 42                 | 11,3-2,0°     | 20,1-3,5                   | 10,7-4,2                 | 30                 | HTC         | 1/4 MOA       | 112 MOA             | (100m)            | 326         | 520        | OY6290          |
| 2-12x50 G4       | 2-12x         | 50                 | 11,6-1,9°     | 20,7-3,3                   | 9,6-4,2                  | 30                 | HTC         | 1/4 MOA       | 105 MOA             | 25 m - ∞          | 347         | 727        | OY6291          |
| 2-12x50 DX       | 2-12x         | 50                 | 11,6-1,9°     | 20,7-3,3                   | 9,6-4,2                  | 30                 | HTC         | 1/4 MOA       | 105 MOA             | 25 m - ∞          | 347         | 727        | OY6292          |
| 3-18x56 G4 LOCK  | 3-18x         | 56                 | 7,5-1,3°      | 13,3-2,3                   | 11,3-3,1                 | 30                 | HTC         | 1/8 MOA       | 80 MOA              | 50 m - ∞          | 362         | 855        | OY6285          |
| 3-18x56 DX LOCK  | 3-18x         | 56                 | 7,5-1,3°      | 13,3-2,3                   | 11,3-3,1                 | 30                 | HTC         | 1/8 MOA       | 80 MOA              | 50 m - ∞          | 362         | 855        | OY6286          |
| 3-18x56 THC LOCK | 3-18x         | 56                 | 7,5-1,3°      | 13,3-2,3                   | 11,3-3,1                 | 30                 | HTC         | 1/8 MOA       | 80 MOA              | 50 m - ∞          | 362         | 855        | OY6287          |
| 3-18x56 THD LOCK | 3-18x         | 56                 | 7,5-1,3°      | 13,3-2,3                   | 11,3-3,1                 | 30                 | HTC         | 1/8 MOA       | 80 MOA              | 50 m - ∞          | 362         | 855        | OY6288          |
| 4,5-27x50 THC    | 4,5-27x       | 50                 | 4,3-0,7°      | 7,6-1,2                    | 11,1-1,8                 | 30                 | HTC         | 1/8 MOA       | 66 MOA              | 25 m - ∞          | 360         | 718        | OY6276          |
| 4,5-27x50 THD    | 4,5-27x       | 50                 | 4,3-0,7°      | 7,6-1,2                    | 11,1-1,8                 | 30                 | HTC         | 1/8 MOA       | 66 MOA              | 25 m - ∞          | 360         | 718        | OY6277          |

## RED DOT SIGHTS

### FOREMAN®

| MODEL          | magnification | lens diameter [mm] | rectification | rectification range | dimensions lxwxh [mm] | weight [g] | ordering number |
|----------------|---------------|--------------------|---------------|---------------------|-----------------------|------------|-----------------|
| <b>RDM3 II</b> | 1x            | 28x22              | 1 MOA         | 90 MOA              | 50x32x32              | 81         | OY6295          |
| <b>RDT2</b>    | 1x            | 20                 | 1 MOA         | 100 MOA             | 64x43x43 (65 v. m.)   | 130        | OY6239          |

## SPOTTING SCOPES

### LEADER®

| MODEL                | magnification | lens diameter [mm] | viewing angle | field of view at 1000 m [m] | minimal focusing distance [m] | prism glass | lens finish | length [mm] | weight [g] | tripod thread | ordering number |
|----------------------|---------------|--------------------|---------------|-----------------------------|-------------------------------|-------------|-------------|-------------|------------|---------------|-----------------|
| <b>20-60x60 (A)*</b> | 20-60x        | 60                 | 2,1-1°        | 16-37                       | 5,0-5,5                       | BaK4        | SMC         | 335         | 990        | yes           | OY2721          |
| <b>23-70x70 (A)*</b> | 23-70x        | 70                 | 2-0,8°        | 15-35                       | 6,5-7,0                       | BaK4        | SMC         | 395         | 1200       | yes           | OY2726          |
| <b>23-70x70 (S)*</b> | 23-70x        | 70                 | 2-0,8°        | 15-35                       | 6,5-7,0                       | BaK4        | SMC         | 415         | 1200       | yes           | OY2727          |

\* (S) straight eyepiece model

\* (A) angled eyepiece model

### FOREMAN®

| MODEL                   | magnification | lens diameter [mm] | viewing angle | field of view at 1000 m [m] | minimal focusing distance [m] | prism glass | lens finish | length [mm] | weight [g] | tripod thread | ordering number |
|-------------------------|---------------|--------------------|---------------|-----------------------------|-------------------------------|-------------|-------------|-------------|------------|---------------|-----------------|
| <b>8-24x50 ED (A)*</b>  | 8-24x         | 50                 | 5,0-2,5°      | 38,5-80                     | 1,5                           | BK7         | FMC         | 176         | 510        | yes           | OY2740          |
| <b>20-60x80 ED (A)*</b> | 20-60x        | 80                 | 2,1-1,1°      | 20-36                       | 5,5-6,0                       | BaK4        | SMC         | 390         | 1560       | yes           | OY2730          |
| <b>20-60x80 ED (S)*</b> | 20-60x        | 80                 | 2,1-1,1°      | 20-36                       | 5,5-6,0                       | BaK4        | SMC         | 410         | 1560       | yes           | OY2731          |
| <b>20-60x85 ED (A)*</b> | 20-60x        | 85                 | 2,1-1,1°      | 20-36                       | 5,5-6,0                       | BaK4        | SMC         | 430         | 1982       | yes           | OY2732          |
| <b>20-60x85 ED (S)*</b> | 20-60x        | 85                 | 2,1-1,1°      | 20-36                       | 5,5-6,0                       | BaK4        | SMC         | 446         | 1982       | yes           | OY2733          |

\* (S) straight eyepiece model

\* (A) angled eyepiece model



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