

PRODUCT PROGRAM 2020



KAHLES

SINCE 1898



We at KAHLES share the passion and professionalism of ambitious shooters and hunters.

We passionately support their aspiration to continually enhance performance.

We do this with intuitive simple and smart products, which impress with uncompromised focus on the real essentials, based on profound user insight and a wealth of know-how.



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K525i

PROFESSIONAL CHOICE FOR HIGHEST DEMANDS

The K525i combines maximum optical performance and precision with unique handling and ergonomics. A rugged riflescope for professionals, with windage optional left or right, precise illuminated reticles in 1st focal plane and the unique TWIST GUARD windage.

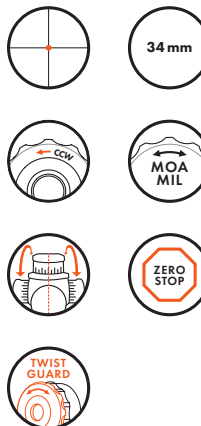


5-25x56i

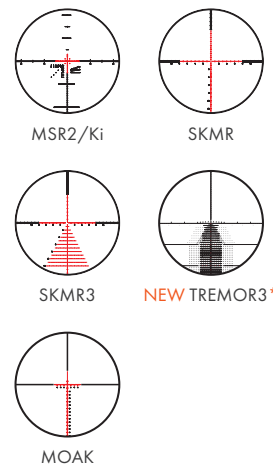
PRODUCT HIGHLIGHTS

- Maximum optical performance – field of view, high contrast image, high definition
- Absolutely reliable repeat accuracy and precise, clearly defined click mechanism
- Optional left or right side windage
- Parallax wheel integrated into the elevation turret (patented) 20 m – ∞ (22 yds – ∞)
- Innovative TWIST GUARD windage (patented)
- Precise illuminated reticle in 1st focal plane

FEATURES



RETICLES



* Special order



Parallax wheel integrated into the elevation turret (patented), windage optionally left or right.

Superior handling and ergonomics thanks to the unique arrangement of operating elements

Due to the unique arrangement, all operating elements can easily and comfortably be operated with the intuitively preferred hand. Without having to reach over the riflescope or having to move out of the shooting position, all relevant information is always in the visual field.

All riflescopes of the K-series have the parallax wheel integrated into the elevation turret.

The patented central arrangement on top of the riflescope makes right and left-handed operation equally comfortable.

Ergonomically the windage is perfectly placed on the left side for right-handed shooters and on the right side for left-handed shooters.

Unique TWIST GUARD windage (patented)



TWIST GUARD windage.

The innovative TWIST GUARD windage with its freely rotating end cover, reliably preventing accidental movement of the windage.

This simple solution not only protects the windage from accidental movement, it also allows the shooter fast and unhindered handling of the windage without the need for cumbersome “locking” and “unlocking”.

Maximum precision with the special MOAK reticle and 1/4 MOA click adjustment



MOAK turret with three planes of rotation and indicator pin.

The 1/4 MOA click adjustment and a perfectly designed reticle in the 1st focal plane guarantee maximum precision over long distances. The specially designed MOAK turret has a 3rd rotational plane and allows simple, precise operation over the entire adjustment range.



K318i ULTRASHORT PRECISION TOOL

The K318i means optical and mechanical perfection packed into an ultrashort design. With precise illuminated reticles in 1st focal plane, sharply defined throughout the entire magnification range and the unique TWIST GUARD windage.

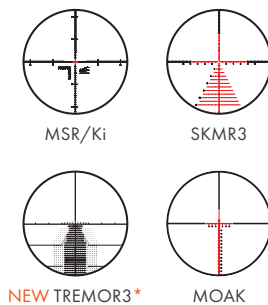


3.5-18x50i

FEATURES



RETICLES



PRODUCT HIGHLIGHTS

- Ultrashort and lightweight riflescope with wide field of view and high contrast image
- Absolutely reliable repeat accuracy and precise, clearly defined click mechanism
- Optional left or right side windage
- Innovative TWIST GUARD windage (patented)
- Parallax wheel integrated into the elevation turret (patented) 25 m – ∞ (27 yds – ∞)
- Precise illuminated reticles in 1st focal plane

* Special order



6-24x56i

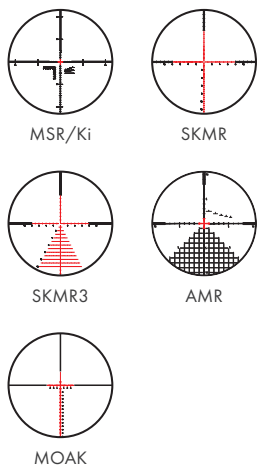
K624i PROFESSIONAL CHOICE FOR LONG DISTANCES

The K624i sets standards in handling and ergonomics thanks to the unique arrangement of its operating elements. It offers outstanding optical performance, mechanical perfection and a unique range of well proven reticles for professionals.

FEATURES



RETICLES



PRODUCT HIGHLIGHTS

- Wide field of view, exceptionally comfortable eyepiece and high contrast image
- Precise, clearly defined click mechanism and reliable repeat accuracy
- Optional left or right side windage
- Parallax wheel integrated into the elevation turret (patented) 50 m – ∞ (55 yds – ∞)
- Precise illuminated reticles in 1st focal plane



K1050 COMPETITION SHOOTING WITH EXTREME MAGNIFICATION

The K1050 has been specifically designed to provide optimum precision for competition shooting. Weighing just 31 oz. and only 17 in. long, with its unique parallax adjustment, starting from just 9 yards, it provides unparalleled precision.

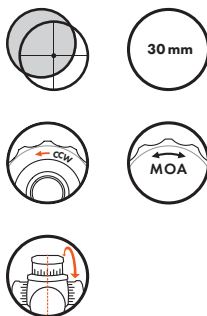
PRODUCT HIGHLIGHTS

- Maximum precision for competition shooting
- Perfect image quality, even at 50 x magnification
- Parallax wheel integrated into the elevation turret (patented) 8 m – ∞ (9 yds – ∞)
- Non-illuminated reticle with fine structure for maximum precision

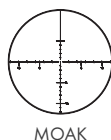


10-50x56

FEATURES



RETICLES





K1050i FT FIELD TARGET FOR PERFECTIONISTS

The K1050i FT offers a uniquely precise experience. With the special parallax focus ranging from 9 to 66 yards and an illuminated reticle in the 2nd focal plane, it has been optimally designed for field target competitions.

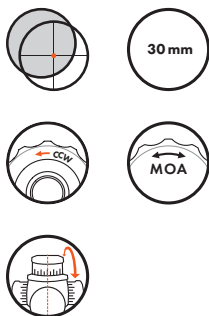


10-50x56i

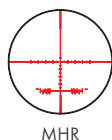


Also available in silver coating

FEATURES



RETICLES



MHR

PRODUCT HIGHLIGHTS

- Developed together with professionals for highest precision in field target competitions
- Perfect image quality, even at 50 x magnification
- Parallax wheel integrated into the elevation turret (patented) 8 – 60 m (9 – 66 yds)
- Illuminated reticle with fine structure for maximum precision
- Special order, black or silver coating



K18i

THE MATCH WINNER

Optimized for 3-Gun and IPSC matches, the K18i with 8 x zoom features an ultra-wide field of view, specially designed, extra-bright illuminated reticles with unique MAX LIGHT function and an individually adjustable throw lever.

PRODUCT HIGHLIGHTS

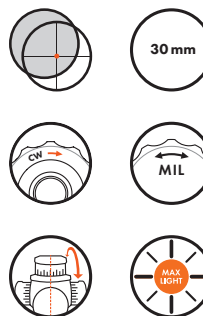
- Optimized for 3-Gun and IPSC matches
- Ultra-wide field of view, 8 x zoom and true 1 x magnification
- Integrated throw levers in 2 alternative sizes with infinitely adjustable positions
- Extra-bright day/night illumination in 2nd focal plane with MAX LIGHT function for extreme backlight situations
- Special reticles for 3-Gun and IPSC, designed with the support of recognized pro-shooters
- OILPHOBIC coated lenses



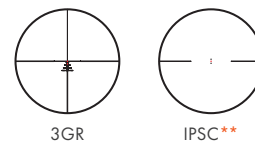
NEW*

1-8x24i

FEATURES



RETICLES



*NEW as of March 2020

** Special order

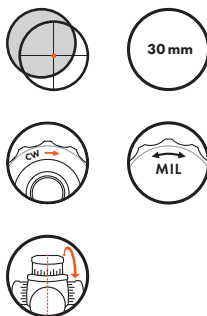


K16i

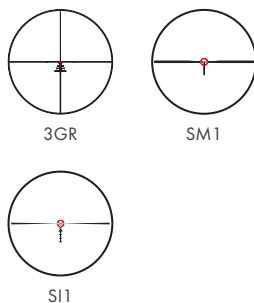
FAST TARGET ACQUISITION IN TOUGHEST ENVIRONMENTS

The K16i is ideal for acquiring targets within a very short time thanks to its ultra-wide field of view. Shooters benefit from the extra-high nose and the large, easy to use adjustment ring.

FEATURES



RETICLES



PRODUCT HIGHLIGHTS

- Sporty riflescope with ultra-wide field of view for fast target acquisition
- Developed for even the toughest demands
- Extra bright illuminated reticles in the second focal plane
- OILPHOBIC coated lenses
- 3GR reticle for 3-Gun and IPSC



HELIA RD RED DOT SIGHT

The HELIA RD has been designed for the intuitive shot. It features a unique Anti-Reflexion coating for clear visibility and a precise 2 MOA dot for minimum target covering.

PRODUCT HIGHLIGHTS

- Unique Anti-Reflexion coating for clear visibility
- Precise 2 MOA dot and Easyclick
- Picatinny mount included
- 4 manual illumination settings with intelligent automatic switch-off
- Easy to change battery



HELIA RD

FEATURES



Protective cap with compartment for spare battery



HELIA RF-M FAST DISTANCE MEASURING

The compact HELIA RF-M 7x25 offers ergonomic design, intuitive and simple handling and is equipped with a large field of view and relevant hunting features. You are able to measure the distance simple and fast and you can concentrate, during the hunt, on the real essentials.

PRODUCT HIGHLIGHTS

- Easy and reliable targeting up to 2,000 yds
- Ergonomical design, intuitive handling, simple menu navigation
- Exceptional edge to edge clarity and large field of view of 351 ft/1,000 yds
- Premium-quality OLED display with five manual brightness settings and display in yards or meters
- EAC-function (Enhanced Angle Compensation) for angle correction (patented)
- Scan mode, temperature- and air pressure measurement
- Extra long battery lifetime ~ 4,000 measurements

NEW*

7x25

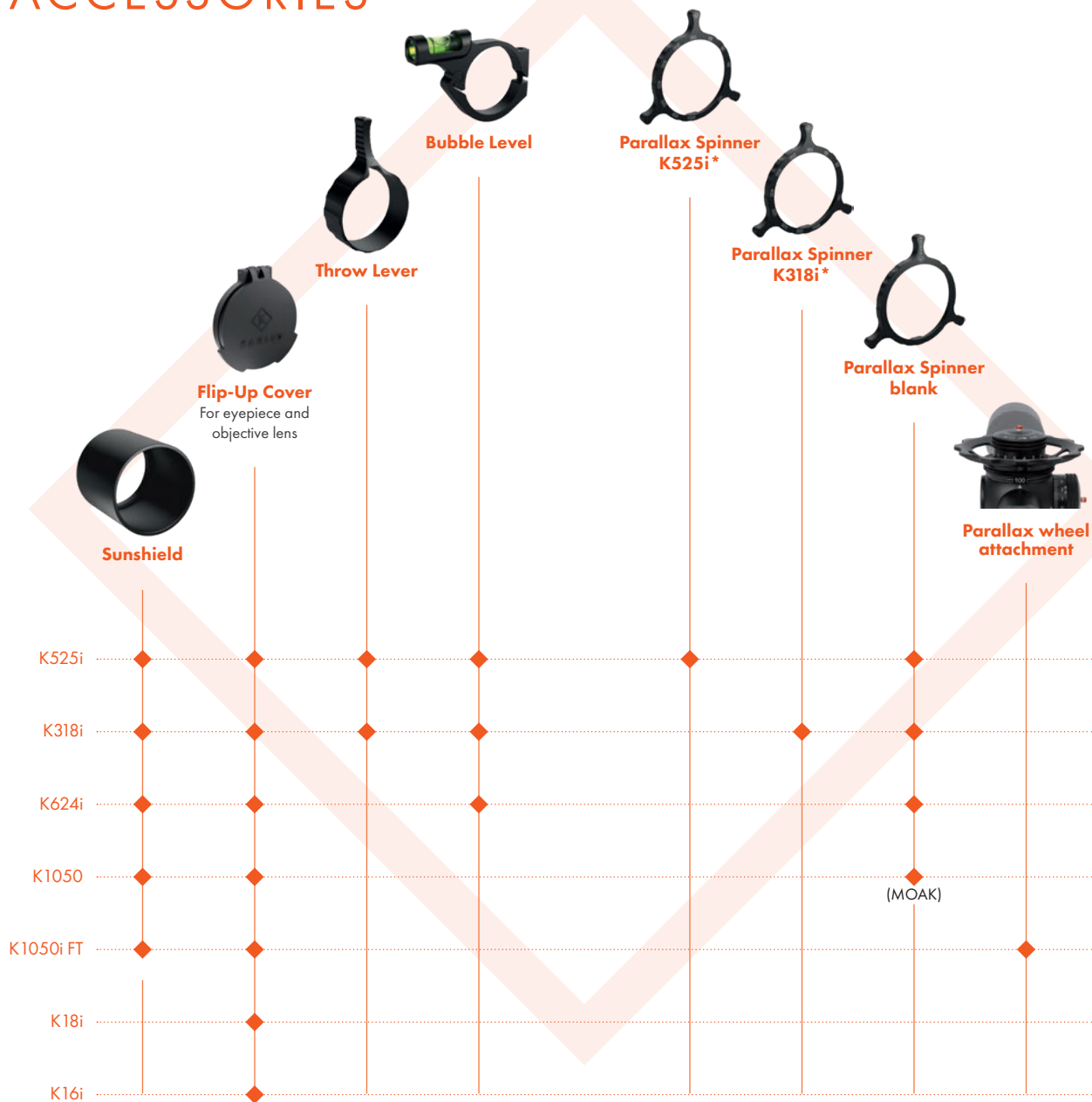


RANGEFINDER

*NEW as of April 2020



ACCESSORIES





LEGEND FEATURES



1st focal plane



2nd focal plane



Windage left



Windage right



Main tube 30 mm



Main tube 34 mm



Windage
left or right



Zero Stop



Adjustment direction
CW



Adjustment direction
CCW



TWIST GUARD
windage



MAX LIGHT



MOA



MIL



Automatic light



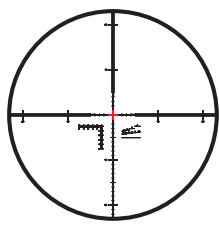
2 MOA red dot



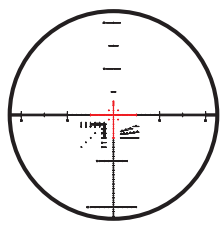
MOA or MIL



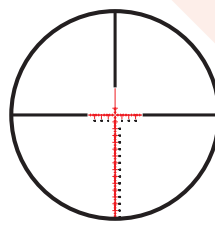
RETICLES COMPETITION



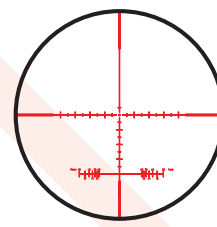
MSR/Ki



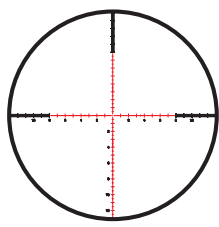
MSR2/Ki



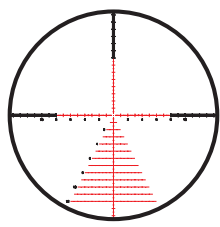
MOAK



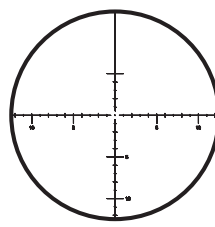
MHR



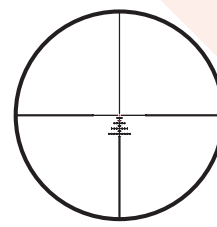
SKMR



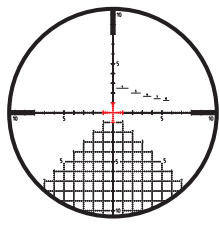
SKMR3



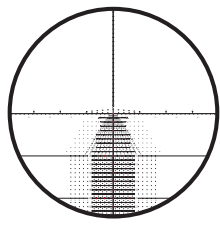
MOAK
(NON ILLUMINATED)



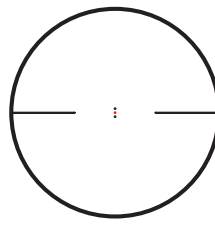
3GR



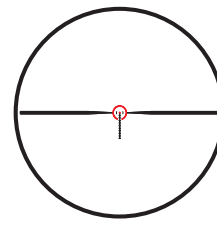
AMR



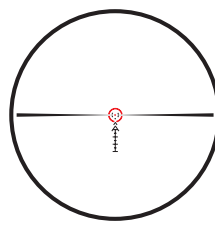
NEW TREMOR3*



IPSC*



SM1



S11

TABLE RED DOT

HELIA RD

Window Size (height/width) in inch	1.02x0.87
Length (in)	2.17
Weight (oz)	1.48
Impact correction per click (in/50 yds)	0.54"
Adjustment range E/W (in/100 yds)	144"/90"
Dot size	2 MOA
Setting illumination intensity (manually)	4 Steps
Automaticlight	✓

TABLE RANGEFINDER

HELIA RF-M* 7x25

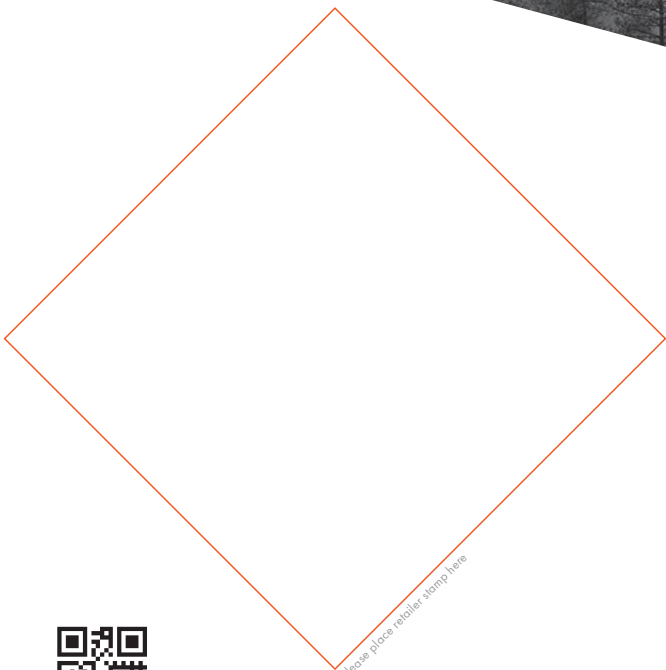
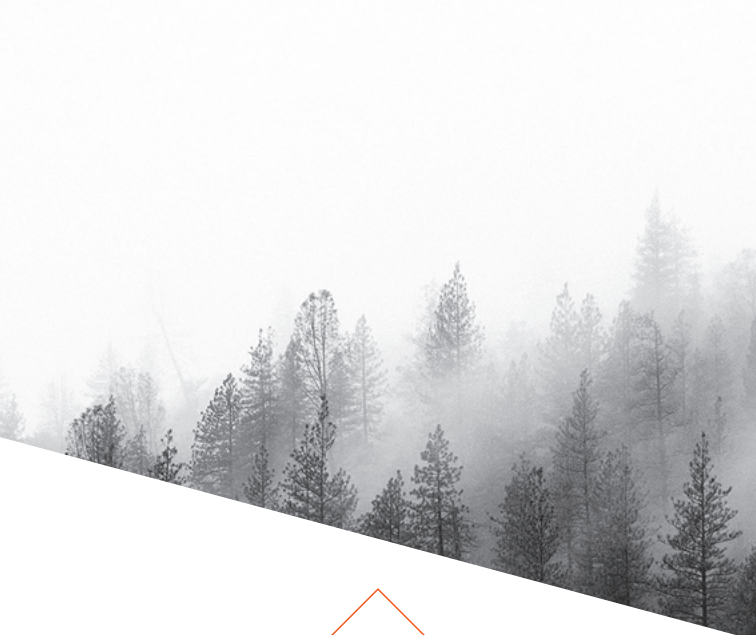
Magnification	7
Objective lens diameter (mm)	25
Eye relief (in)	0.59
Field of view (ft/1,000 yds)	351
Field of view (°)	6.7
Field of view apparent (°)	46.9
Exit pupil diameter (mm)	3.6
Diopter compensation (dpt)	+/-4
Height x Width x Depth (in)	3.03 x 1.50 x 3.66
Weight (oz)	7.76
Close focus (yds)	10
Twilight factor (ISO 14132-1)	13.2
Measurement range (yds)	10-2,000
Range-finding accuracy (yds)	+/-1 up to 100 +/-2 up to 1,000 +/-0.5% over 1,000
Measurement duration (s)	1
Brightness levels	5
Laser category	1M
m/yds display	✓
Scan measurement	✓
Angle correction	✓
Temperature measurement	✓
Air pressure measurement	✓
Battery life (measurement cycles)	4,000

TABLES COMPETITION

Riflescopes	K1050	K1050i FT	K525i	K624i	K318i	K18i**	K16i
Magnification	10-50	10-50	5-25	6-24	3.5-18	1-8	1-6
Objective lens diameter (mm)	56	56	56	56	50	24	24
Exit pupil diameter (mm)	5.5-1.1	5.5-1.1	9.5-2.3	9.4-2.3	6.9-2.8	8.1-3.0	9.6-4.7
Eye relief (in)	3.74	3.74	3.74	3.54	3.62	3.74	3.74
Field of view (ft/100yds)	8.7-1.8	8.7-1.8	21.3-4.5	20.4-5.1	27.8-5.5	127.5-15.9	126.9-20.1
Diopter compensation (dpt)	+2/-3.5	+2/-3.5	+2/-3.5	+2/-3.5	+2.5/-3.5	+2/-3	+2/-3.5
Twilight factor (DIN 58388)	23.6-52.9	23.6-52.9	16.7-37.4	18.3-36.7	13.2-30.0	2.9-13.9	3.1-12.0
Parallax adjustment (m)	8 till ∞	8 till 60	20 till ∞	50 till ∞	25 till ∞	100	100
Impact correction per click	1/8 MOA	1/8 MOA	.1 MRAD 1/4 MOA	.1 MRAD 1/4 MOA	.1 MRAD 1/4 MOA	.1 MRAD	.1 MRAD
Adjustment range E/W (in/100yds)	57.6/43.2	57.6/43.2	104.4/46.8	90/39.6	106/72	86.4/86.4	79.2/79.2
Adjustment range E/W (MILS)	16/12	16/12	29/13	25.5/11.25	30/20	24/24	22/22
Adjustment range E/W (MOA)	55/41.3	55/41.3	100/45	86/37.8	102/69	82.5/82.5	75.6/75.6
Tube diameter (mm)	30	30	34	34	34	30	30
Objective filter thread	M58x0.75	M58x0.75	M58x0.75	M58x0.75	M52x0.75	M27x0.75	M27x0.75
Length (in)	16.9	16.9	14.8	15.9	12.3	11.81	10.9
Weight (oz)	31.4	36.7*	34.2	33.5	33.2	19.4	16.9
Focal plane	2.	2.	1.	1.	1.	2.	2.
Reticle	MOAK	MHR	MSR2/Ki, SKMR, SKMR3, TREMOR3***, MOAK	MSR/Ki, SKMR, SKMR3, AMR, MOAK	MSR/Ki, SKMR3, TREMOR3***, MOAK	3GR, IPSC***	3GR, SM1, SI1
Illumination		✓	✓	✓	✓	✓	✓
Adjustment direction	CCW	CCW	CCW	CCW	CCW	CW	CW
Windage	right	right	left/right	left/right	left/right	right	right
Zero Stop			✓	✓	✓		
TWIST GUARD			✓		✓		
MAX LIGHT						✓	

* including parallax wheel (4.9 oz)

** NEW as of March 2020 | *** Special order



Please place retailer stamp here



Please visit us on our website

Subject to technical changes. Pricing subject to change without notice.
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