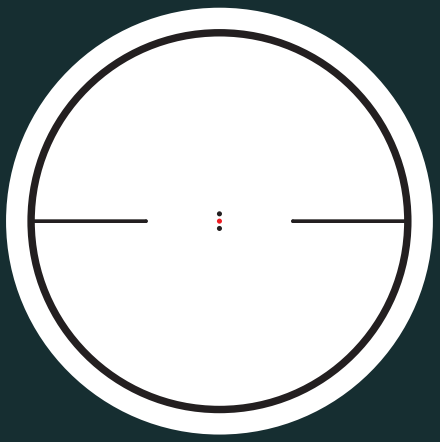
AAWEE.FI · KAHLES

Kahles reticles

What each reticle looks like, and which scopes it comes in

Kahles scopes come with a wide choice of reticles for action shooting, PRS, field competitions and hunting. This guide brings 25 reticles together in one place: pictures side by side, names clearly shown, and which scopes each reticle comes in.



Example: IPSC

How to read the reticle details

Focal plane

In the first focal plane (FFP) the reticle grows with the image, so the mil or MOA scale holds true at any magnification. In the second focal plane (SFP) the reticle stays the same size, which keeps a fine dot clear at low magnification.

Unit: mil or MOA

Mil (mrad) and MOA are two ways of measuring corrections. One mil is 10 cm (3.94 in) at 100 metres, one MOA about 2.9 cm (1.14 in). Choose a reticle and turret clicks in the same unit so the corrections match.

Illumination

Parts shown in red are illuminated. Black parts are always visible, also with the illumination switched off. Some reticles are not illuminated at all, which is noted on the card.

● **In 2026 range** ● **Previous model** Status based on the Kahles range in March 2026.

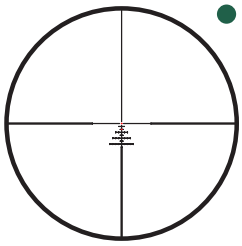
Which reticle suits your discipline?

Discipline	Reticles	Scopes
Action shooting and 3-Gun	3GR, IPSC, SM1, SI1	K16i, K18i, K18i-2
PRS and precision shooting	SKMR4, SKMR4+, SKMR+, SKMR, MSR2/Ki	K318i, K328i, K525i, K540i
F-Class and MOA	MOAK+, MOAK	K864, K1050
Hunting	4-Dot, 4-DH, G4B	Helia and Helia 3
Previous reticles	SKMR3, MSR/Ki, Mil3, Mil4, Mil4+, Mil7, AMR, TREMOR3, MHR, Crosshair Dot, Circle Dot	Previous K Series models and K4i

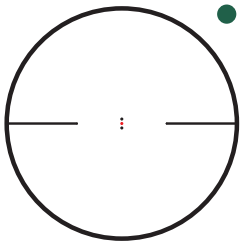
The next page shows all reticles at a glance. Click a reticle to jump to its card, which lists the scopes, focal plane, unit and key features.

All reticles at a glance

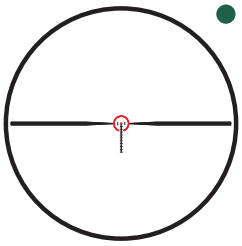
● In 2026 range ● Previous model



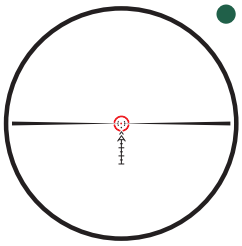
3GR
K16i · K18i



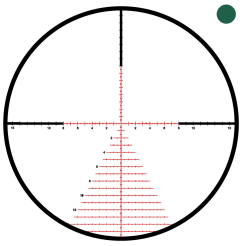
IPSC
K18i



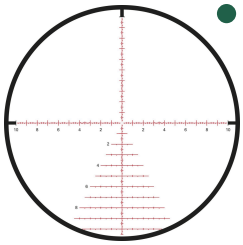
SM1
K16i



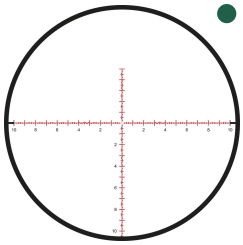
SI1
K16i



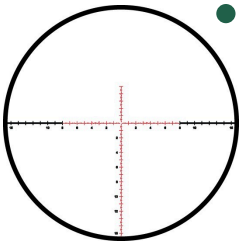
SKMR4
K525i · K318i



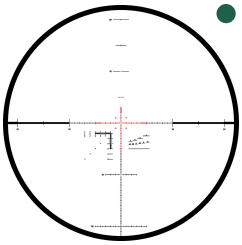
SKMR4+
K540i · K328i



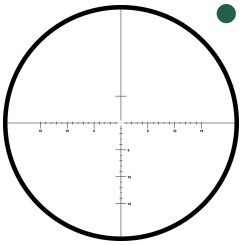
SKMR+
K540i · K328i



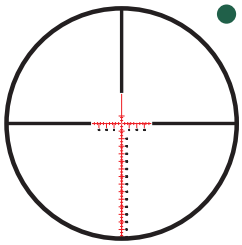
SKMR
K525i



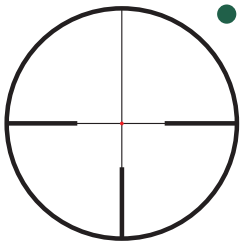
MSR2/Ki
K540i · K328i · K525i · K318i



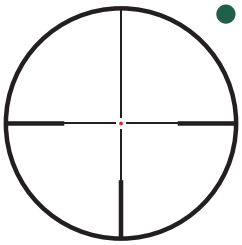
MOAK+
K864



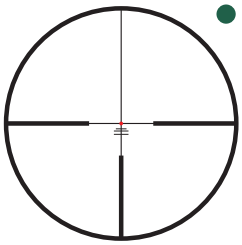
MOAK
K1050



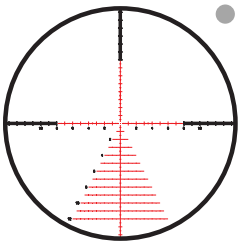
4-Dot
Helia



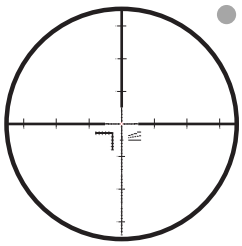
4-DH
Helia 1-5x24i



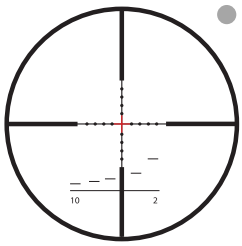
G4B
Helia



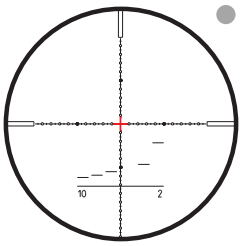
SKMR3
K318i



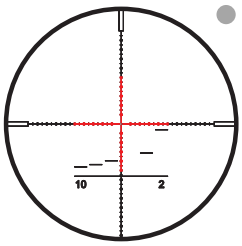
MSR/Ki
K318i · K624i



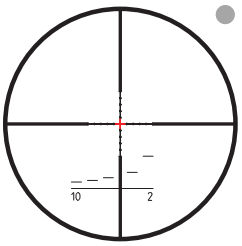
Mil3
K624i



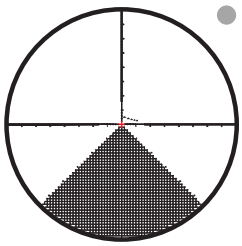
Mil4
K624i



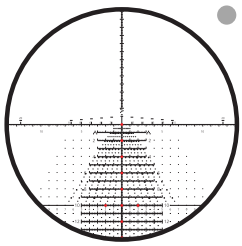
Mil4+
K525i



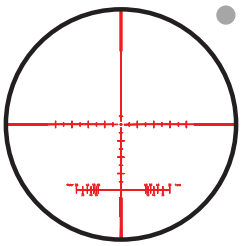
Mil7
K312i



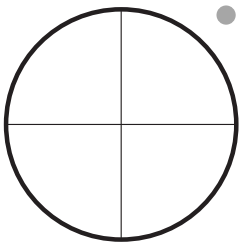
AMR
K525i



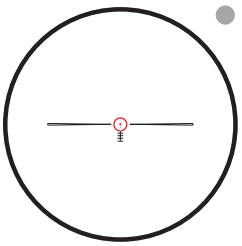
TREMOR3
K525i · K318i



MHR
K1050i FT



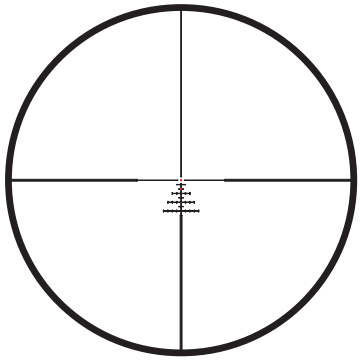
Crosshair Dot
K1050



Circle Dot
K4i

Action shooting and IPSC

K16i, K18i and K18i-2. Second focal plane, mil reticles.

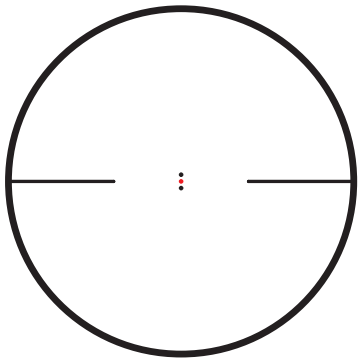


3GR

Scopes: K16i, K18i, K18i-2

In 2026 range | Second focal plane | MIL | Illuminated

A thin vertical line and thick side bars keep the view open. In the centre is a small illuminated dot with short crossbars below it as an aid for more distant targets. Designed for IPSC and 3-Gun shooting.

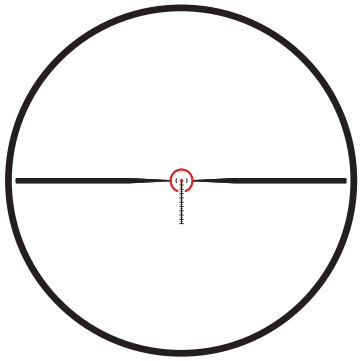


IPSC

Scopes: K18i

In 2026 range | Second focal plane | MIL | Illuminated

As open as a reticle can be: thick side bars and three dots stacked in the centre, the middle one illuminated. Developed together with Finnish top shooters Jarkko Laukia and Raine Peltokoski. Works for both holding under and holding over.

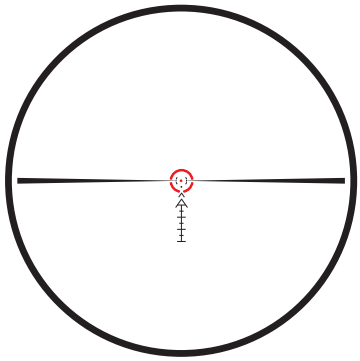


SM1

Scopes: K16i

In 2026 range | Second focal plane | MIL | Illuminated

Tapering horizontal lines lead to a large illuminated ring with a dot inside. The ring is easy to pick up and suits fast shooting at close targets. Below the ring is a dense vertical ladder.



SI1

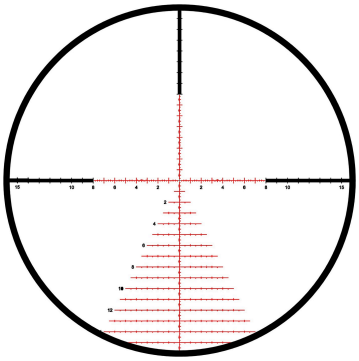
Scopes: K16i

In 2026 range | Second focal plane | MIL | Illuminated

Similar to the SM1: tapering horizontal lines and an illuminated ring with a dot. The difference is below the ring: the SI1 has an arrowhead and more widely spaced crossbars, the SM1 a dense vertical ladder.

PRS and precision shooting

Current first focal plane mil reticles of the K Series for long range.

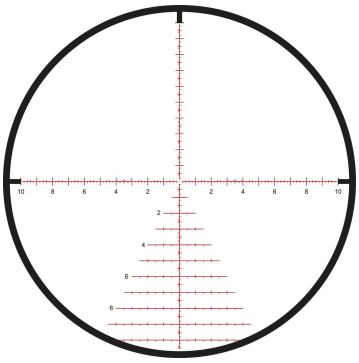


SKMR4

Scopes: K525i, K318i

In 2026 range | First focal plane | MIL | Illuminated

A popular reticle in PRS. A red mil scale whose marker bars reach out to 15 mil, with a large tree below. Adds finer 0.2 mil hash marks compared with the SKMR3. A long bar at the top and thick side bars keep the eye centred.

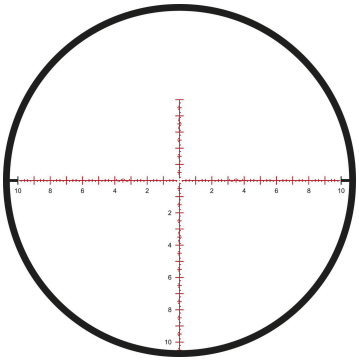


SKMR4+

Scopes: K540i, K328i

In 2026 range | First focal plane | MIL | Illuminated

A red mil scale with a tree below, numbered 2-8. A short thick bar at the top and thick end bars at the sides. Found in the new K540i and K328i with a 36 mm (1.42 in) tube.

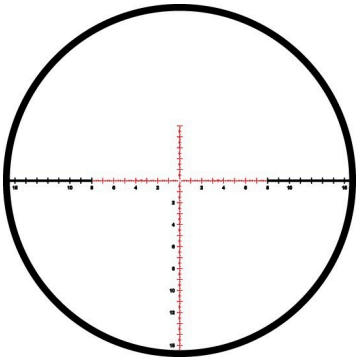


SKMR+

Scopes: K540i, K328i

In 2026 range | First focal plane | MIL | Illuminated

A simpler alternative to the SKMR4+ without the tree: a clean red mil scale horizontally and vertically, numbered 2-10. Keeps the view open.



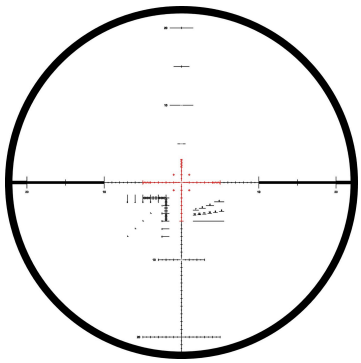
SKMR

Scopes: K525i

In 2026 range | First focal plane | MIL | Illuminated

A clean red mil scale without a tree. The black side bars start at 8 mil and reach 15 mil, and the vertical scale runs down to 15 mil. The SKMR reticles were designed together with PRS shooter Shannon Kay.

PRS and precision shooting, continued



MSR2/Ki

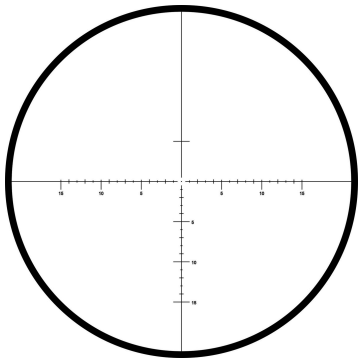
Scopes: K540i, K328i, K525i, K318i

In 2026 range | First focal plane | MIL | Illuminated

The second version of the MSR/Ki. A finely structured mil reticle whose scale reaches 20 mil in every direction. Four red helper marks surround the illuminated centre, with numbered extra markings below it. Found in all new K Series scopes.

F-Class and MOA reticles

K864 and K1050. MOA clicks, second focal plane.

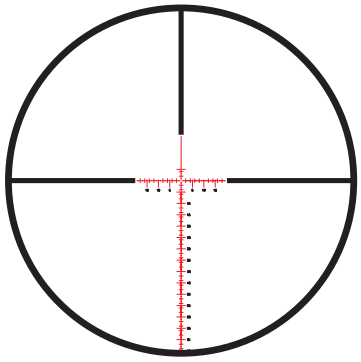


MOAK+

Scopes: K864

In 2026 range | Second focal plane | MOA | Non-illuminated

A very thin, non-illuminated reticle for F-Class shooting. The horizontal and vertical scales are numbered 5, 10 and 15, with a small ring in the centre. Made for the 8-64x magnification of the K864, together with 1/8 MOA clicks.



MOAK

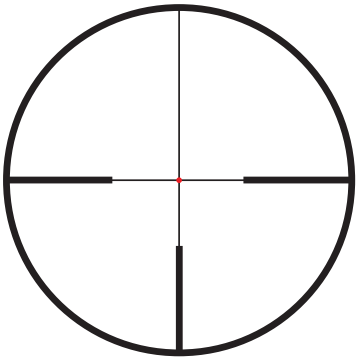
Scopes: K1050 (previously also K525i and K318i)

In 2026 range | Second focal plane (K1050) | MOA | Non-illuminated (K1050)

A MOA reticle with a numbered scale. In the K1050 the reticle is non-illuminated and the scope covers 10-50x. The picture shows the illuminated version from the K525i and K318i: thick outer bars and a red MOA scale.

Hunting: Helia

Illuminated hunting reticles of the Helia series.

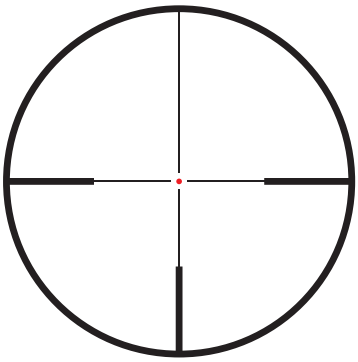


4-Dot

Scopes: Helia 1.6-8x42i, 2-10x50i, 2.4-12x56i, 3.5-18x50i, plus Helia 3 4-12x44i and 3-10x50i

In 2026 range | Second focal plane | Illuminated

Thick posts from four directions guide the eye to the centre, where there is a small illuminated dot. Found in most Helia models.

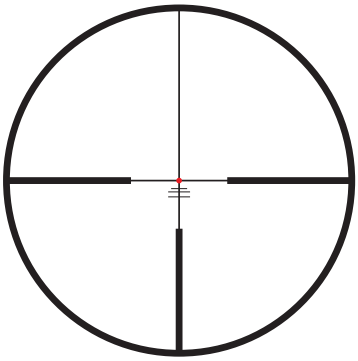


4-DH

Scopes: Helia 1-5x24i

In 2026 range | Second focal plane | Illuminated

An illuminated dot in the centre with only short, thick posts around it. The open centre keeps moving game clearly visible, so the reticle suits driven hunts with the Helia 1-5x24i.



G4B

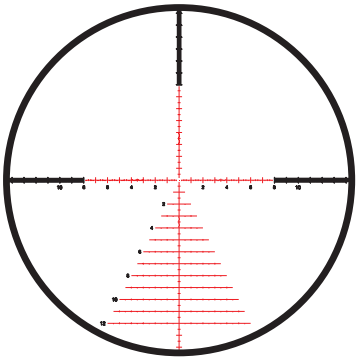
Scopes: Helia 2.4-12x56i, 3.5-18x50i and Helia 3 4-12x44i

In 2026 range | Second focal plane | Illuminated

The same basic layout as the 4-Dot, but with three short crossbars below as extra marks.

Previous reticles

Reticles in previous K Series models and the K4i prism sight. They are not in the March 2026 range.

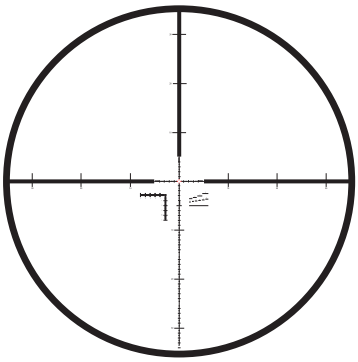


SKMR3

Scopes: K318i

Previous model | First focal plane | MIL | Illuminated

A red mil scale at 0.5 mil spacing with a stepped triangular tree below, numbered 2-10. The SKMR4 is its improved successor.

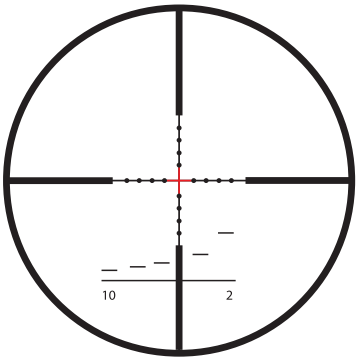


MSR/Ki

Scopes: K318i, K624i

Previous model | First focal plane | MIL | Illuminated

A finely structured mil reticle in which thick outer bars lead the eye to the centre. Extra markings sit at the lower right. The thin centre leaves the target clearly visible.

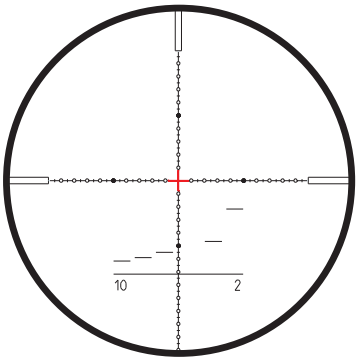


Mil3

Scopes: K624i

Previous model | First focal plane | MIL | Illuminated

Thick outer bars and dots at mil intervals on the central crosshair. Stepped helper lines at the bottom (marked 10 and 2). A clear, easy-to-read mil reticle.



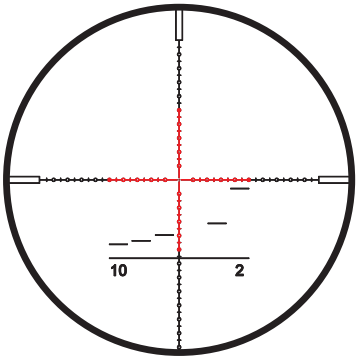
Mil4

Scopes: K624i

Previous model | First focal plane | MIL | Illuminated

Thin and open: small circles at mil intervals on thin lines, so the target stays visible behind the reticle. Stepped helper lines at the bottom.

Previous reticles, continued

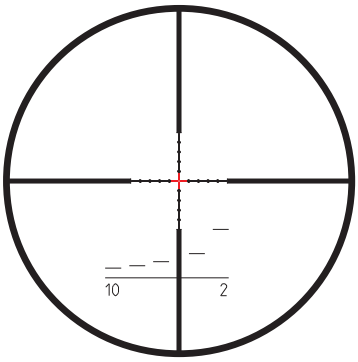


Mil4+

Scopes: K525i

Previous model | First focal plane | MIL | Illuminated

Related to the Mil4, but the central area is illuminated red and the numbers are larger. For shooters who want the Mil4's open layout in an easier-to-read form.

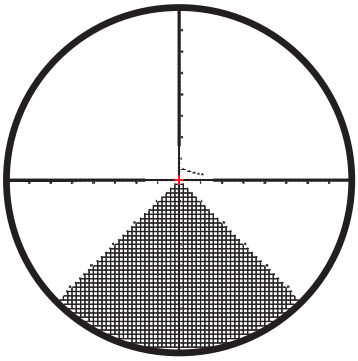


Mil7

Scopes: K312i

Previous model | First focal plane | MIL | Illuminated

Thick bars and dots on the central crosshair with an illuminated centre. Stepped helper lines at the bottom. A simple, quick-to-read reticle for the 3-12x K312i.

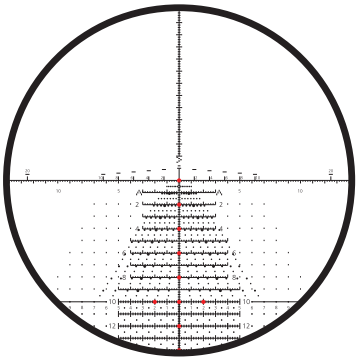


AMR

Scopes: K525i

Previous model | First focal plane | MIL | Illuminated

A thin triangular grid below the horizontal line. The grid squares can be used as aiming points for both elevation and windage, so there is no need to touch the turrets.



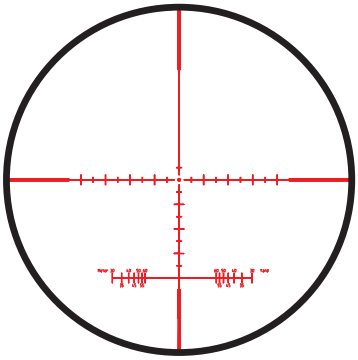
TREMOR3

Scopes: K525i, K318i

Previous model | First focal plane | MIL | Illuminated

A dense dot matrix with numbered elevation and wind values and an illuminated centre. For shooters who want to correct both distance and wind with the aiming point alone.

Previous reticles, continued

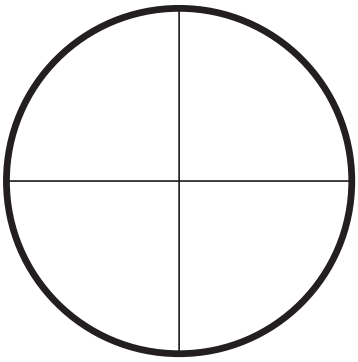


MHR

Scopes: K1050i FT

Previous model | Second focal plane | MOA | Illuminated

The K1050i FT reticle for field target competitions. A red scale with a range-estimation scale in metres and yards at the bottom.

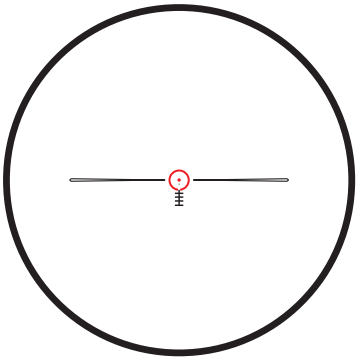


Crosshair Dot

Scopes: K1050

Previous model | Second focal plane | MOA | Non-illuminated

A thin, non-illuminated and finely structured reticle for maximum precision. Suits 10-50x magnification, where the reticle must cover as little of the target as possible.



Circle Dot

Scopes: K4i

Previous model | MIL | Illuminated

The K4i prism sight reticle: an illuminated ring and dot, thin tapering lines at the sides and short crossbars below.

Scopes and their reticle options

The table shows which reticles are offered in each Kahles scope. The current range is based on the Kahles range in March 2026, previous models on the Kahles product catalogue 2023/24.

Scope	Magnification	Focal plane	Reticles
Current range 2026			
K540i	5-40x56i	FFP	SKMR4+, SKMR+, MSR2/Ki
K328i	3.5-28x50	FFP	SKMR4+, SKMR+, MSR2/Ki
K525i	5-25x56	FFP	SKMR4, SKMR, MSR2/Ki
K318i	3.5-18x50i	FFP	SKMR4, MSR2/Ki
K864	8-64x56	SFP	MOAK+
K1050	10-50x56	SFP	MOAK
K18i-2	1-8x24i	SFP	3GR
K18i	1-8x24i	SFP	3GR, IPSC
K16i	1-6x24i	SFP	3GR, SM1, SI1
Helia	1-5x24i	SFP	4-DH
Helia	1.6-8x42i, 2-10x50i	SFP	4-Dot
Helia	2.4-12x56i, 3.5-18x50i	SFP	4-Dot, G4B
Helia 3	4-12x44i	SFP	4-Dot, G4B
Helia 3	3-10x50i	SFP	4-Dot
Previous models and reticles			
K525i	5-25x56	FFP	Mil4+, AMR, TREMOR3, MOAK
K318i	3.5-18x50i	FFP	SKMR3, MSR/Ki, TREMOR3, MOAK
K624i	6-24x56i	FFP	MSR/Ki, Mil3, Mil4
K312i	3-12x50i	FFP	Mil7
K1050	10-50x56	SFP	Crosshair Dot
K1050i FT	10-50x56i	SFP	MHR
K4i	4x30i (prism)	-	Circle Dot

Ranges and reticle options change, and some reticles are only available with the side turret on a particular side. Check the current range before ordering.

Need help choosing a reticle?

Our experts will help you choose the right Kahles scope and reticle. See the Kahles range at aawee.fi (Finland) or aawee.com (shipping across Europe), or email info@aawee.fi.

Sources: Kahles range 03/2026, KAHLES Product Program 2023/24, kahles.at/en/service/reticles and the Kahles IPSC reticle brochure. Reticle images: KAHLES.