



Thermal Imaging Riflescopes

THERMION



**Reticle
Catalogue**

Non-scalable reticles

The values of the non-scalable reticles are correct in the following cases:

- when the magnification of the scope is set to minimum
- when "picture in picture" is activated

D50i

C50i

X54i

H50i

X50i

T54i

M58i

Scalable reticles

Reticle parameters apply to all magnifications

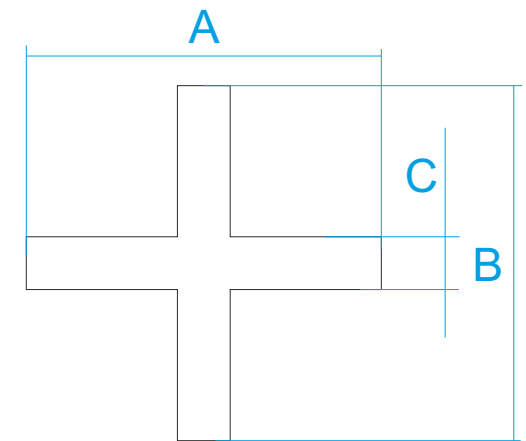
X51Fi-300

M56Fi (Mil-Dot)

M57Fi (Mil-Dot)

D50i

Reticle parameters (for minimum magnification)

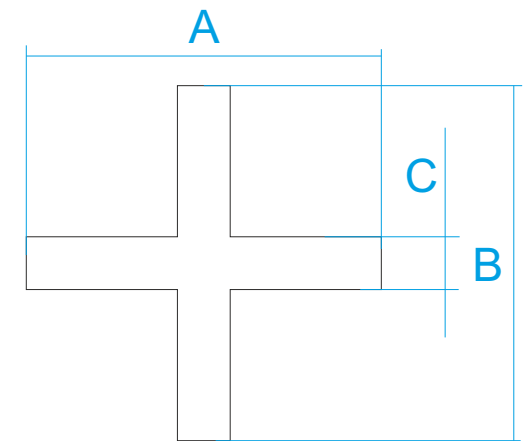
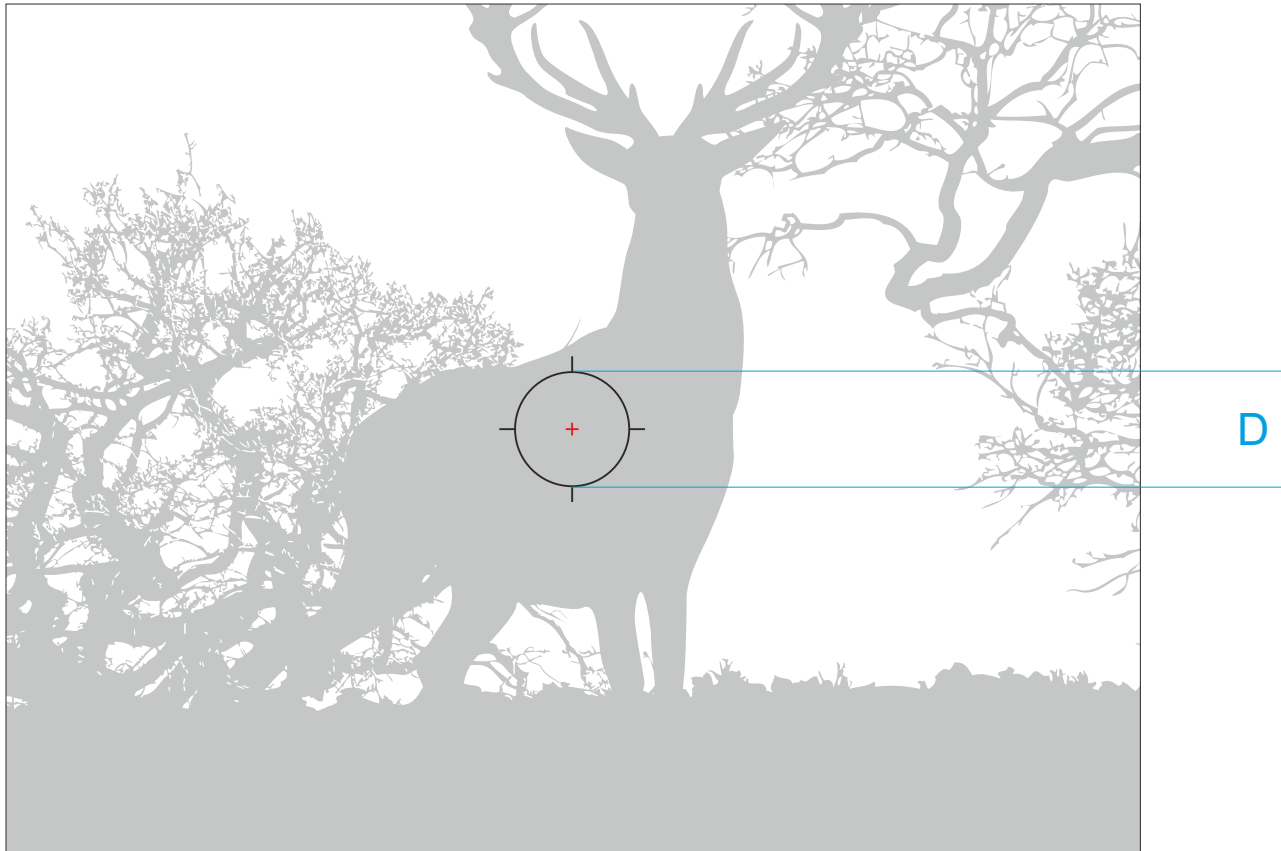


Thermal Imaging Riflescopes
THERMION

| Model | MOA | | | | | cm @ 100 m | | | | |
|------------------|------|------|------|------|------|------------|------|------|------|------|
| | XM30 | XM38 | XM50 | XP38 | XP50 | XM30 | XM38 | XM50 | XP38 | XP50 |
| Section A | 3.0 | 2.4 | 1.8 | 6.7 | 5.1 | 8.8 | 6.9 | 5.3 | 19.6 | 14.9 |
| Section B | 3.0 | 2.4 | 1.8 | 6.7 | 5.1 | 8.8 | 6.9 | 5.3 | 19.6 | 14.9 |
| Section C | 0.4 | 0.3 | 0.3 | 1.0 | 0.7 | 1.3 | 1.0 | 0.8 | 2.8 | 2.1 |

C50i

Reticle parameters (for minimum magnification)

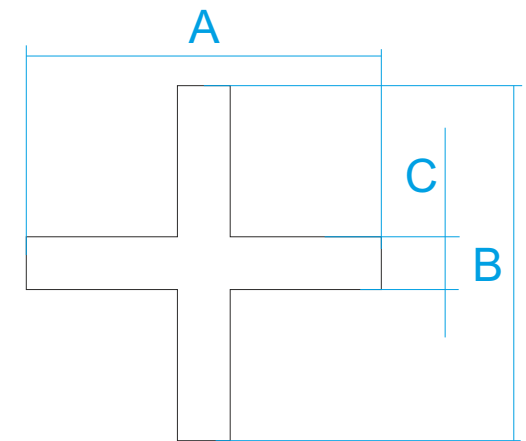
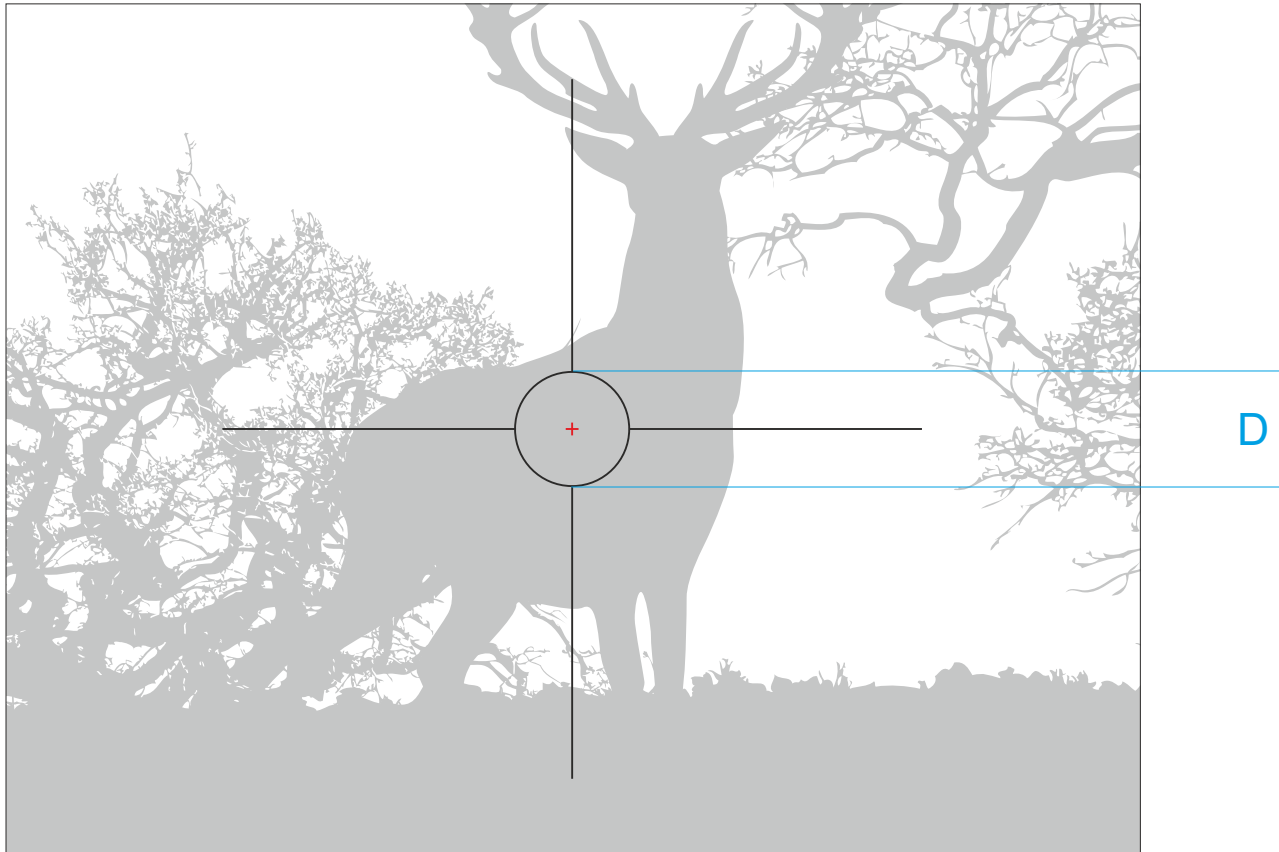


Thermal Imaging Riflescopes
THERMION

| Model | MOA | | | | | cm @ 100 m | | | | |
|------------------|------|------|------|------|------|------------|------|------|------|------|
| | XM30 | XM38 | XM50 | XP38 | XP50 | XM30 | XM38 | XM50 | XP38 | XP50 |
| Section A | 3.0 | 2.4 | 1.8 | 6.7 | 5.1 | 8.8 | 6.9 | 5.3 | 19.6 | 14.9 |
| Section B | 3.0 | 2.4 | 1.8 | 6.7 | 5.1 | 8.8 | 6.9 | 5.3 | 19.6 | 14.9 |
| Section C | 0.4 | 0.3 | 0.3 | 1.0 | 0.7 | 1.3 | 1.0 | 0.8 | 2.8 | 2.1 |
| Section D | 34.4 | 34.4 | 34.4 | 68.8 | 68.8 | 100 | 100 | 100 | 200 | 200 |

X54i

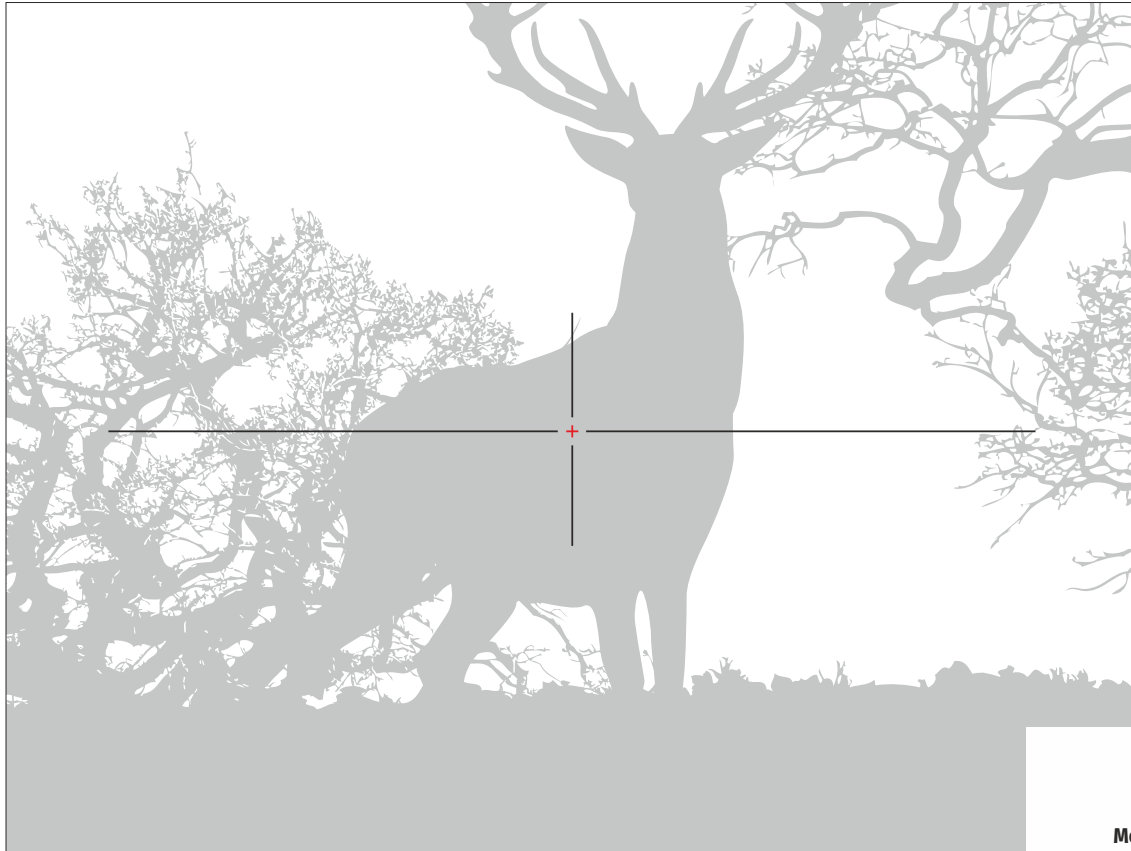
Reticle parameters (for minimum magnification)



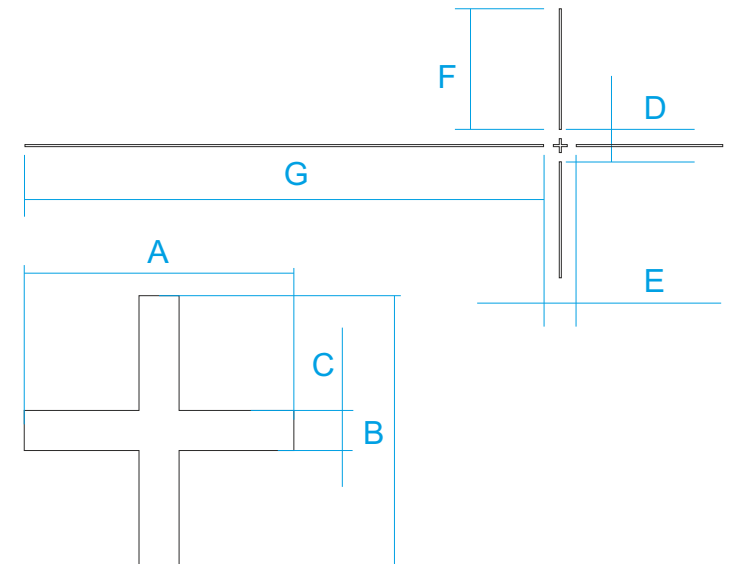
Thermal Imaging Riflescopes
THERMION

| Model | MOA | | | | | cm @ 100 m | | | | |
|------------------|------|------|------|------|------|------------|------|------|------|------|
| | XM30 | XM38 | XM50 | XP38 | XP50 | XM30 | XM38 | XM50 | XP38 | XP50 |
| Section A | 3.0 | 2.4 | 1.8 | 6.7 | 5.1 | 8.8 | 6.9 | 5.3 | 19.6 | 14.9 |
| Section B | 3.0 | 2.4 | 1.8 | 6.7 | 5.1 | 8.8 | 6.9 | 5.3 | 19.6 | 14.9 |
| Section C | 0.4 | 0.3 | 0.3 | 1.0 | 0.7 | 1.3 | 1.0 | 0.8 | 2.8 | 2.1 |
| Section D | 34.4 | 34.4 | 34.4 | 68.8 | 68.8 | 100 | 100 | 100 | 200 | 200 |

H50i



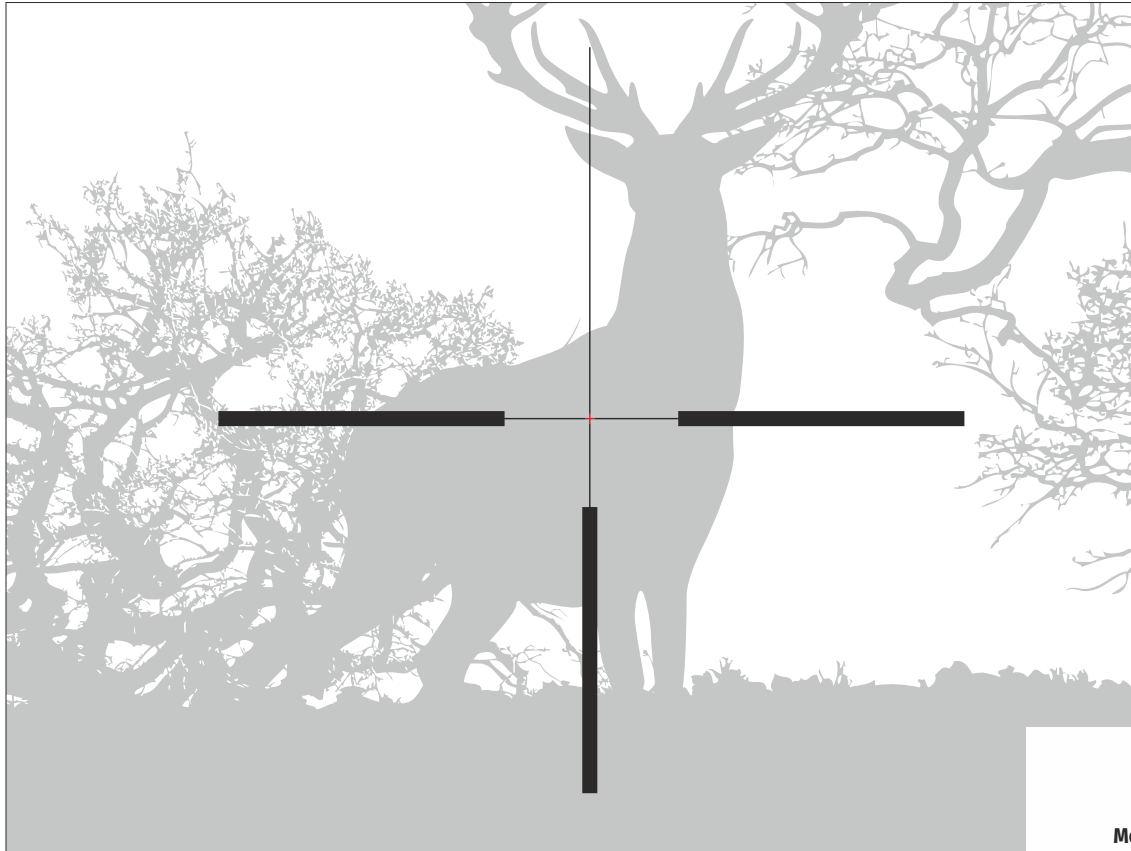
Reticle parameters (for minimum magnification)



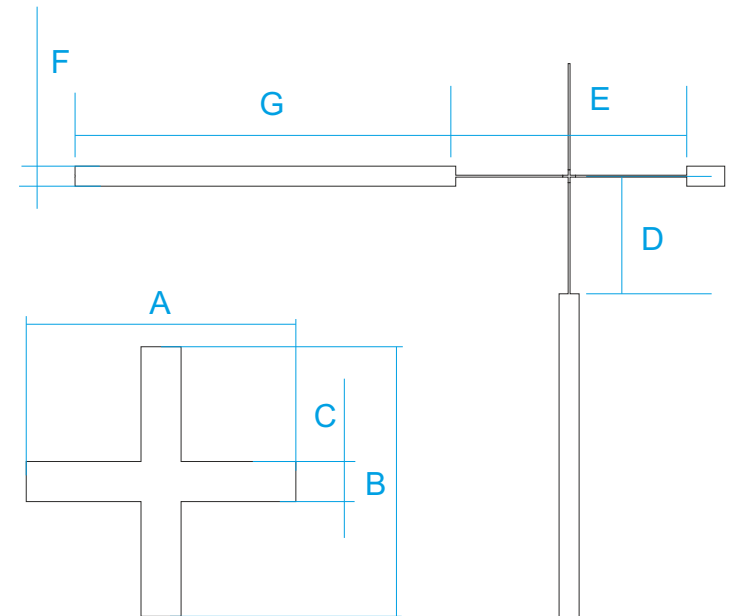
Thermal Imaging Riflescopes
THERMION

| Model | MOA | | | | | cm @ 100 m | | | | |
|-----------|------|------|------|-------|-------|------------|------|------|------|------|
| | XM30 | XM38 | XM50 | XP38 | XP50 | XM30 | XM38 | XM50 | XP38 | XP50 |
| Section A | 3.0 | 2.4 | 1.8 | 6.7 | 5.1 | 8.8 | 6.9 | 5.3 | 19.6 | 14.9 |
| Section B | 3.0 | 2.4 | 1.8 | 6.7 | 5.1 | 8.8 | 6.9 | 5.3 | 19.6 | 14.9 |
| Section C | 0.4 | 0.3 | 0.3 | 1.0 | 0.7 | 1.3 | 1.0 | 0.8 | 2.8 | 2.1 |
| Section D | 10 | 10 | 10 | 20 | 20 | 29 | 29 | 29 | 58 | 58 |
| Section E | 10 | 10 | 10 | 20 | 20 | 29 | 29 | 29 | 58 | 58 |
| Section F | 38.2 | 29.1 | 21 | 86.7 | 63.5 | 111 | 85 | 61 | 252 | 185 |
| Section G | 130 | 102 | 76 | 292.4 | 219.8 | 379 | 296 | 221 | 851 | 640 |

X50i



Reticle parameters (for minimum magnification)

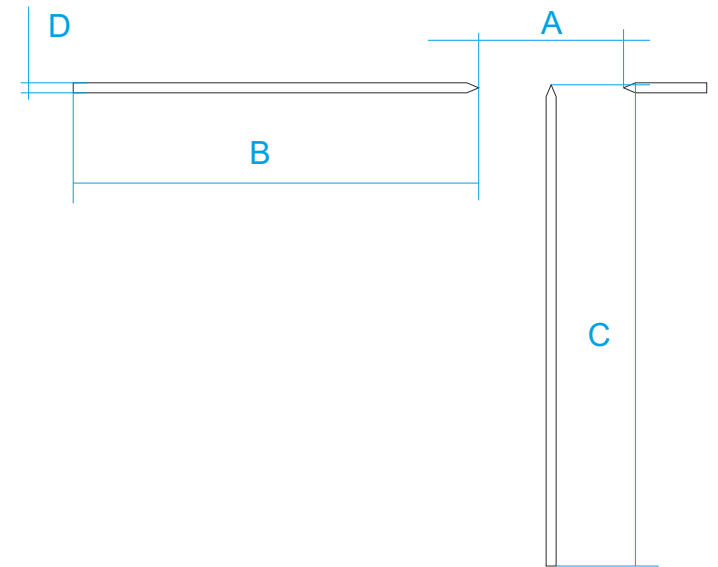


Thermal Imaging Riflescopes
THERMION

| Model | MOA | | | | | cm @ 100 m | | | | |
|------------------|------|------|------|------|------|------------|------|------|------|------|
| | XM30 | XM38 | XM50 | XP38 | XP50 | XM30 | XM38 | XM50 | XP38 | XP50 |
| Section A | 3.0 | 2.4 | 1.8 | 6.7 | 5.1 | 8.8 | 6.9 | 5.3 | 19.6 | 14.9 |
| Section B | 3.0 | 2.4 | 1.8 | 6.7 | 5.1 | 8.8 | 6.9 | 5.3 | 19.6 | 14.9 |
| Section C | 0.4 | 0.3 | 0.3 | 1.0 | 0.7 | 1.3 | 1.0 | 0.8 | 2.8 | 2.1 |
| Section D | 17.2 | 17.2 | 17.2 | 34.4 | 34.4 | 50 | 50 | 50 | 100 | 100 |
| Section E | 34.4 | 34.4 | 34.4 | 68.8 | 68.8 | 100 | 100 | 100 | 200 | 200 |
| Section F | 1.2 | 1 | 1 | 3 | 2.1 | 3.5 | 2.9 | 2.9 | 8.7 | 6.1 |
| Section G | 118 | 90 | 64 | 267 | 195 | 343 | 260 | 186 | 779 | 568 |

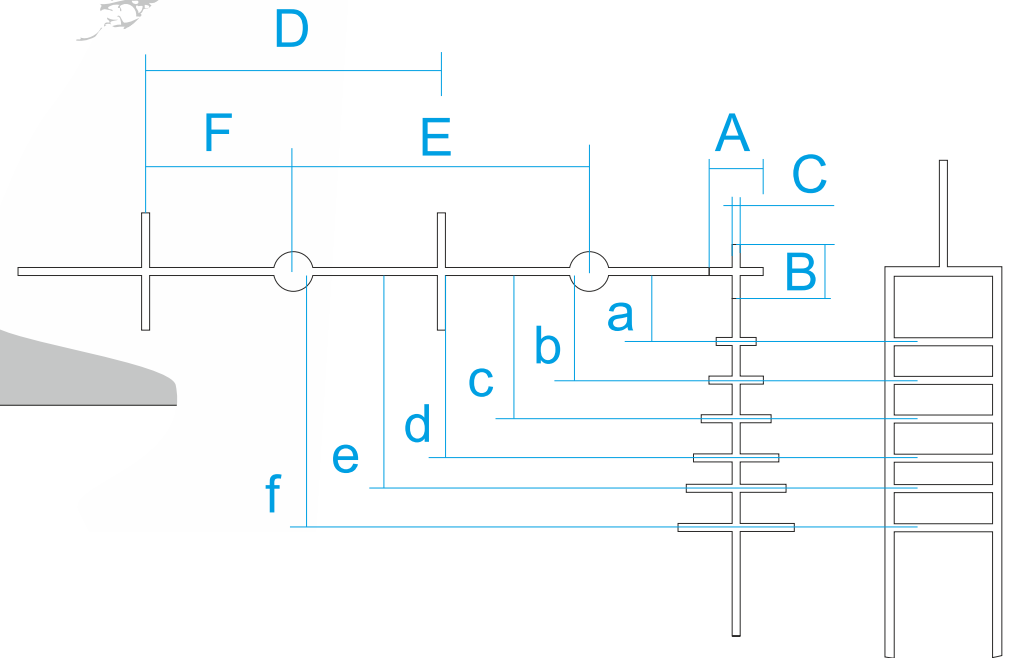
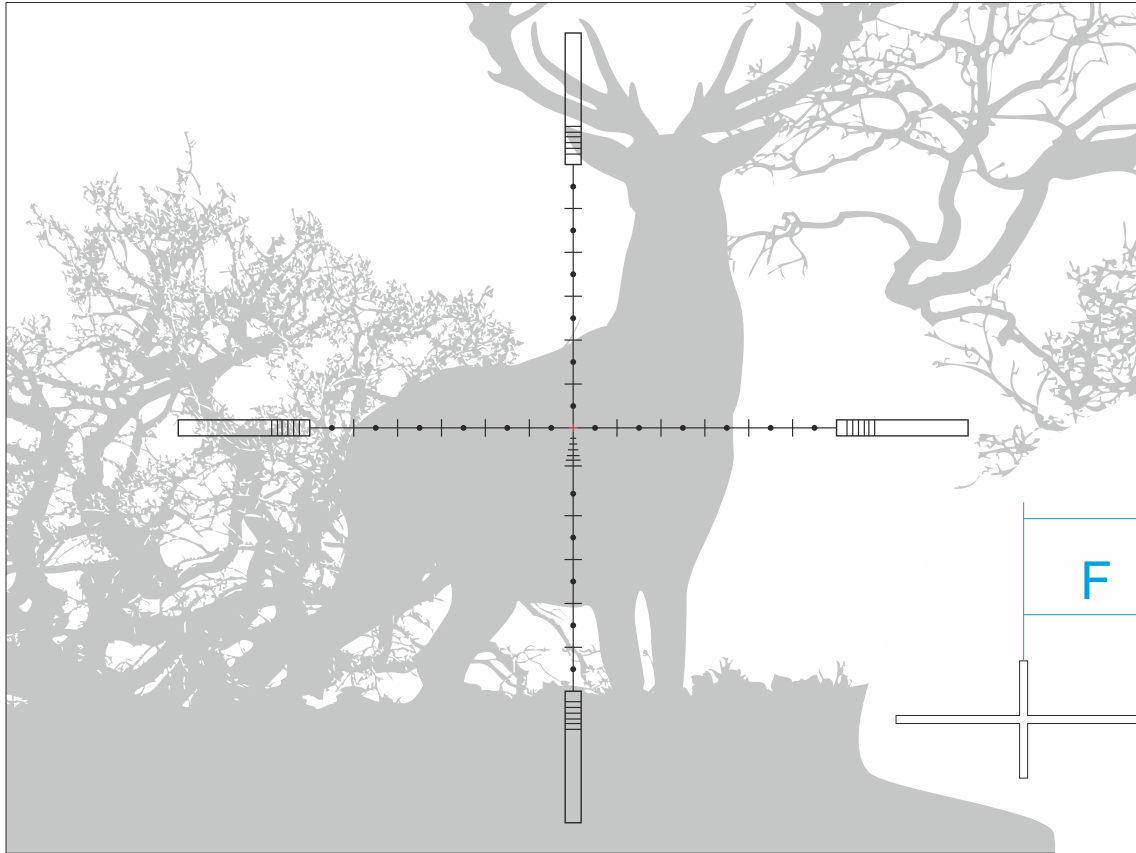
T54i

Reticle parameters (for minimum magnification)



Thermal Imaging Riflescopes
THERMION

| Model | MOA | | | | | cm @ 100 m | | | | |
|------------------|------|------|------|------|------|------------|------|------|------|------|
| | XM30 | XM38 | XM50 | XP38 | XP50 | XM30 | XM38 | XM50 | XP38 | XP50 |
| Section A | 34.4 | 34.4 | 34.4 | 68.8 | 68.8 | 100 | 100 | 100 | 200 | 200 |
| Section B | 118 | 89 | 64 | 268 | 195 | 343 | 260 | 186 | 779 | 567 |
| Section C | 137 | 108 | 82 | 306 | 232 | 398 | 314 | 239 | 889 | 676 |
| Section D | 3 | 2.4 | 1.8 | 6.7 | 5.1 | 8.8 | 7 | 5.3 | 19.6 | 15 |



THERMION XP38

| | MOA | cm @ 100 m |
|------------------|-----|---------------------------------|
| Section A | 6.7 | 19.6 On minimal magnification |
| Section B | 6.7 | 19.6 On minimal magnification |
| Section C | 1 | 2.9 On minimal magnification |
| Section D | 3.5 | 10 (1 mil) On 12x magnification |
| Section E | 3.5 | 10 (1 mil) On 12x magnification |
| Section F | 3.5 | 10 (1 mil) On 6x magnification |

| | |
|------------------|---|
| Section a | 1 mil (10 cm @ 100 m) on 1.5x magnification |
| Section b | 1 mil (10 cm @ 100 m) on 3x magnification |
| Section c | 1 mil (10 cm @ 100 m) on 6x magnification |
| Section d | 1 mil (10 cm @ 100 m) on 9x magnification |
| Section e | 1 mil (10 cm @ 100 m) on 12x magnification |

THERMION XM30

| | MOA | cm @ 100 m |
|------------------|-----|---------------------------------|
| Section A | 3.0 | 8.8 On minimal magnification |
| Section B | 3.0 | 8.8 On minimal magnification |
| Section C | 0.4 | 1.3 On minimal magnification |
| Section D | 3.5 | 10 (1 mil) On 14x magnification |
| Section E | 3.5 | 10 (1 mil) On 14x magnification |
| Section F | 3.5 | 10 (1 mil) On 7x magnification |

| | |
|------------------|---|
| Section a | 1 mil (10 cm @ 100 m) on 3.5x magnification |
| Section b | 1 mil (10 cm @ 100 m) on 5x magnification |
| Section c | 1 mil (10 cm @ 100 m) on 7x magnification |
| Section d | 1 mil (10 cm @ 100 m) on 10x magnification |
| Section e | 1 mil (10 cm @ 100 m) on 14x magnification |

THERMION XP50

| | MOA | cm @ 100 m |
|------------------|-----|---------------------------------|
| Section A | 3.0 | 14.9 On minimal magnification |
| Section B | 3.0 | 14.9 On minimal magnification |
| Section C | 0.4 | 2 On minimal magnification |
| Section D | 3.5 | 10 (1 mil) On 16x magnification |
| Section E | 3.5 | 10 (1 mil) On 16x magnification |
| Section F | 3.5 | 10 (1 mil) On 8x magnification |

| | |
|------------------|--|
| Section a | 1 mil (10 cm @ 100 m) on 2x magnification |
| Section b | 1 mil (10 cm @ 100 m) on 4x magnification |
| Section c | 1 mil (10 cm @ 100 m) on 8x magnification |
| Section d | 1 mil (10 cm @ 100 m) on 12x magnification |
| Section e | 1 mil (10 cm @ 100 m) on 16x magnification |

THERMION XM38

| | MOA | cm @ 100 m |
|------------------|-----|---------------------------------|
| Section A | 2.4 | 6.9 On minimal magnification |
| Section B | 2.4 | 6.9 On minimal magnification |
| Section C | 0.3 | 1.0 On minimal magnification |
| Section D | 3.5 | 10 (1 mil) On 16x magnification |
| Section E | 3.5 | 10 (1 mil) On 16x magnification |
| Section F | 3.5 | 10 (1 mil) On 8x magnification |

| | |
|------------------|--|
| Section a | 1 mil (10 cm @ 100 m) on 4x magnification |
| Section b | 1 mil (10 cm @ 100 m) on 6x magnification |
| Section c | 1 mil (10 cm @ 100 m) on 8x magnification |
| Section d | 1 mil (10 cm @ 100 m) on 12x magnification |
| Section e | 1 mil (10 cm @ 100 m) on 16x magnification |

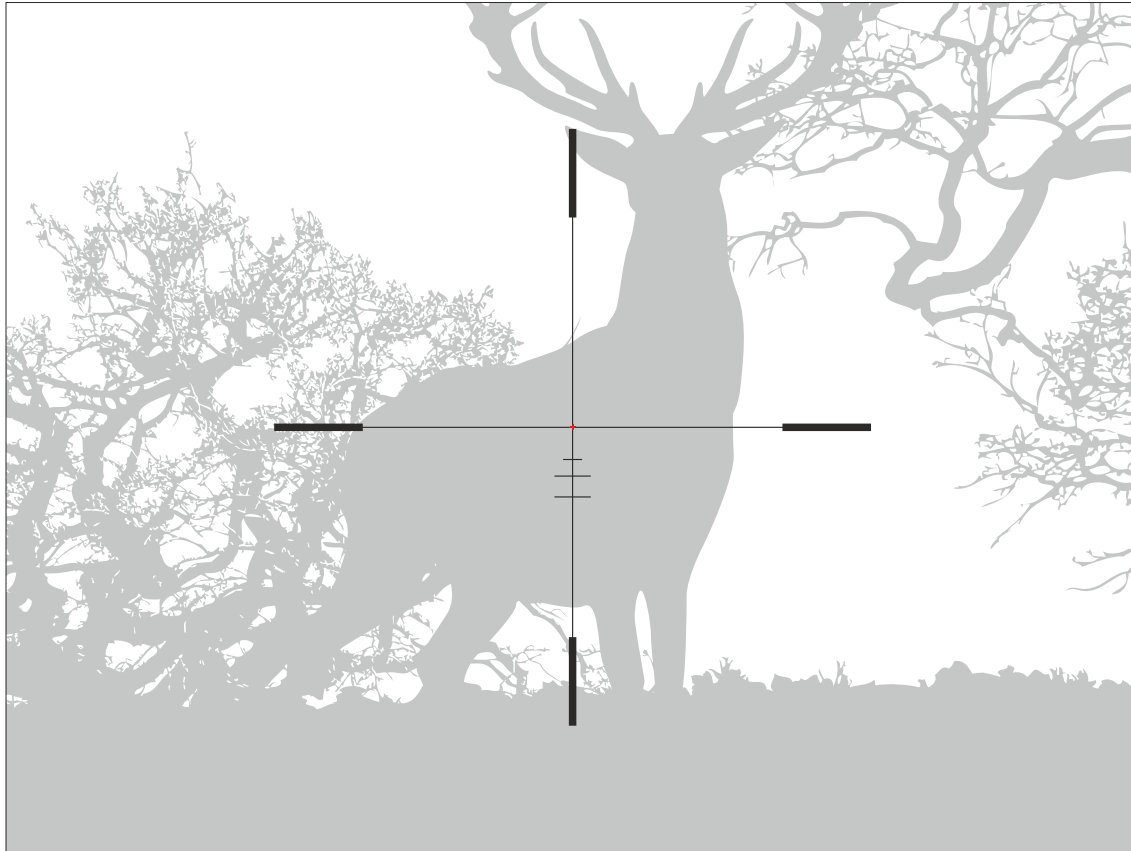
THERMION XM50

| | MOA | cm @ 100 m |
|------------------|-----|---------------------------------|
| Section A | 1.8 | 5.3 On minimal magnification |
| Section B | 1.8 | 5.3 On minimal magnification |
| Section C | 0.3 | 0.8 On minimal magnification |
| Section D | 3.5 | 10 (1 mil) On 22x magnification |
| Section E | 3.5 | 10 (1 mil) On 22x magnification |
| Section F | 3.5 | 10 (1 mil) On 11x magnification |

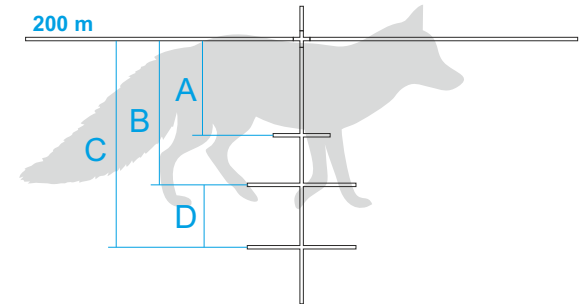
| | |
|------------------|---|
| Section a | 1 mil (10 cm @ 100 m) on 5.5x magnification |
| Section b | 1 mil (10 cm @ 100 m) on 8x magnification |
| Section c | 1 mil (10 cm @ 100 m) on 11x magnification |
| Section d | 1 mil (10 cm @ 100 m) on 15x magnification |
| Section e | 1 mil (10 cm @ 100 m) on 19x magnification |
| Section f | 1 mil (10 cm @ 100 m) on 22x magnification |

SCALABLE

X51Fi-300



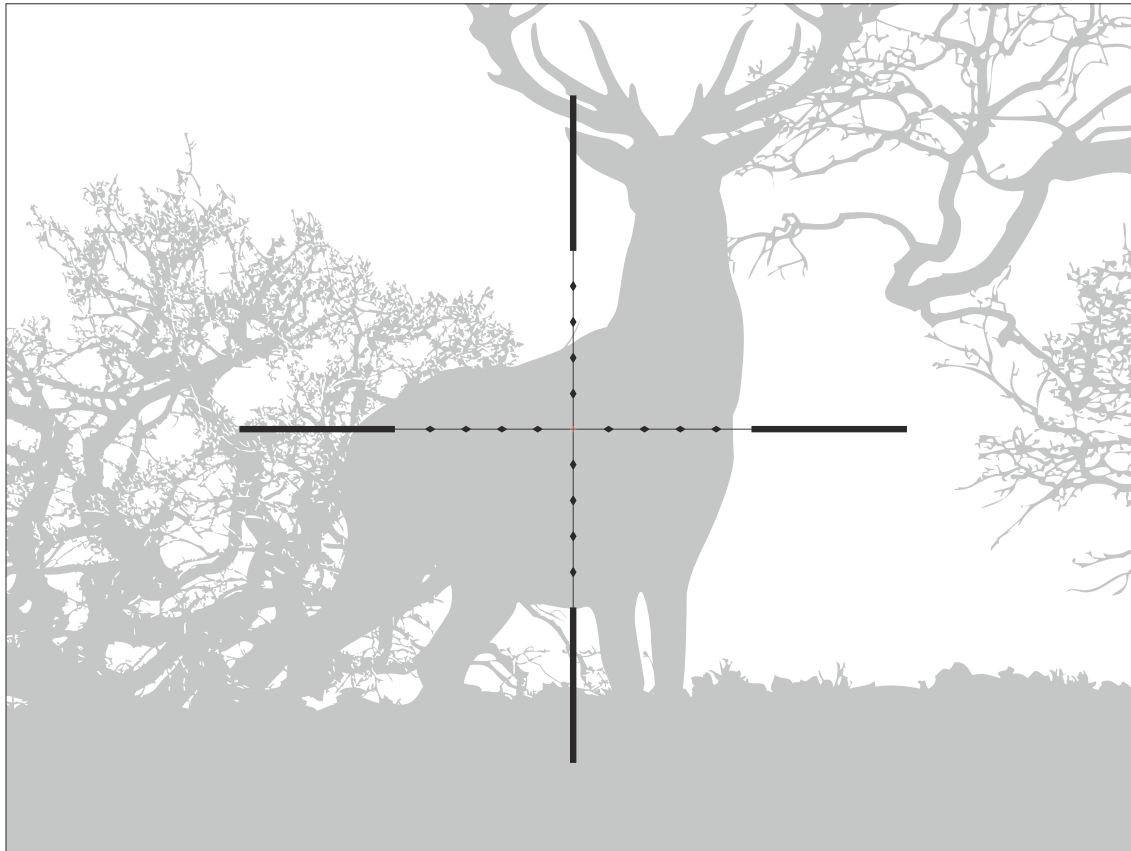
Reticle parameters (apply to all magnifications)



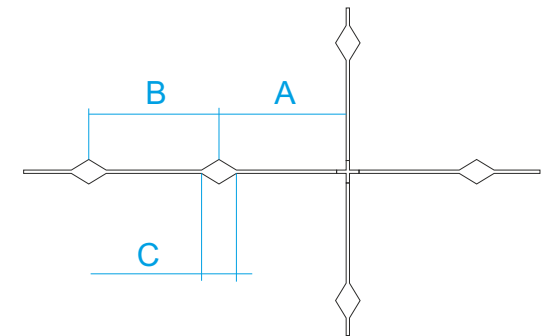
| | 200 m | 300 m |
|------------------|------------------------|------------------------|
| Section A | 15 cm (fox body) | 23 cm (roe deer body) |
| Section B | 23 cm (roe deer body) | 35 cm (wild boar body) |
| Section C | 35 cm (wild boar body) | 50 cm (deer body) |
| Section D | — | 15 cm (fox body) |

SCALABLE

M56Fi



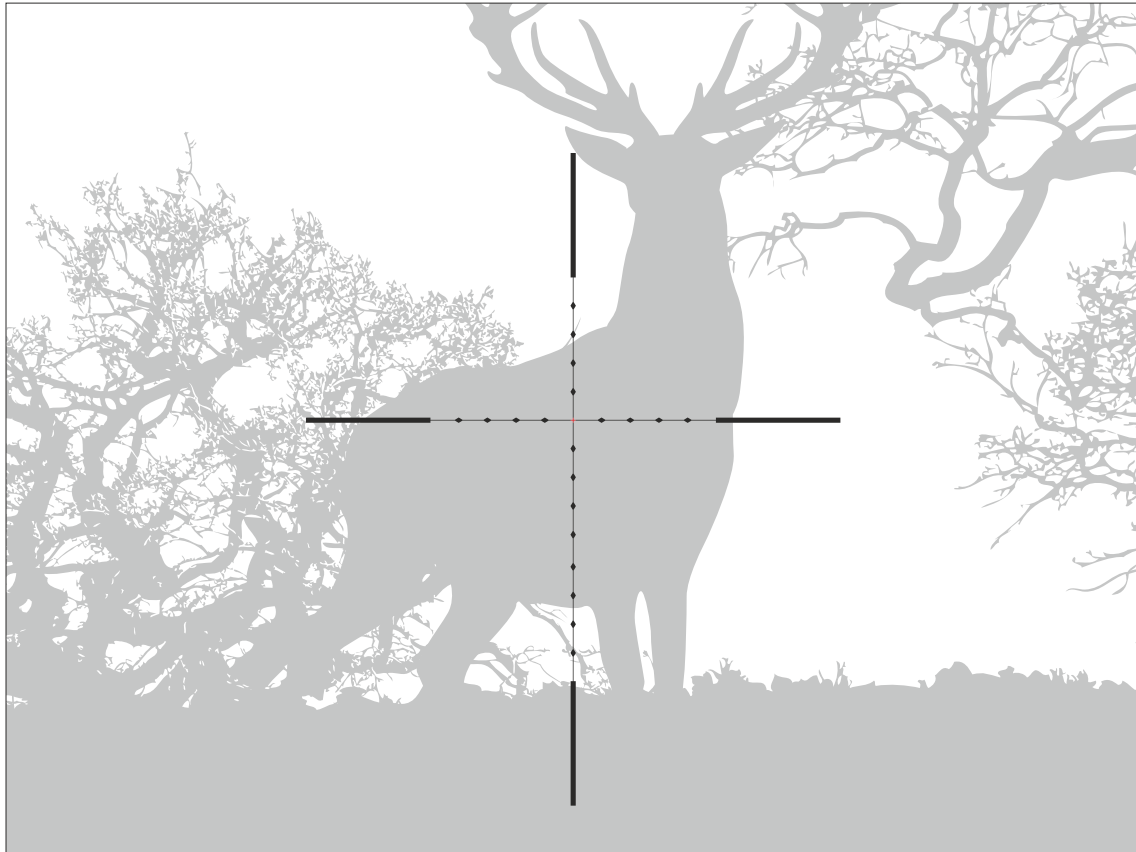
Reticle parameters (apply to all magnifications)



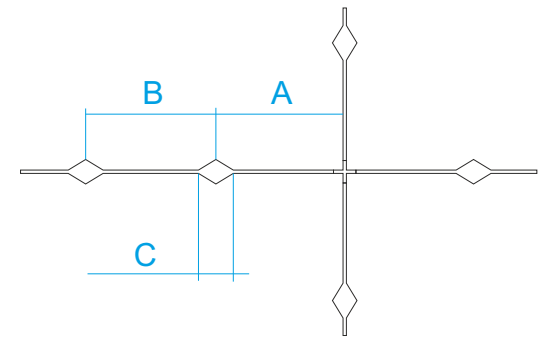
| | MOA | cm @ 100 m |
|------------------|------|----------------|
| Section A | 3.5 | 10 (1 mil) |
| Section B | 3.5 | 10 (1 mil) |
| Section C | 0.86 | 2.5 (0.25 mil) |

SCALABLE

M57Fi



Reticle parameters (apply to all magnifications)



| | MOA | cm @ 100 m |
|------------------|------|----------------|
| Section A | 3.5 | 10 (1 mil) |
| Section B | 3.5 | 10 (1 mil) |
| Section C | 0.86 | 2.5 (0.25 mil) |

