Scope Specs Table

for e.g.: 4-14x | 4-16x | 3-18x | 4-20x

Bottom Magni. = 4x or lower
Top Magni. = 14x or higher
with 10y-Side Parallax
Exposed Turrets
Holdoff Reticle
$200–$500(–$1000)

August 31, 2023 | Matthias aka JungleShooter | Airgunner@zohomail.com

Requirements for this Table (a few exceptions are included)

Bottom end magnification = 4x or lower
Top end magnification = 14x or higher
Minimum parallax = 10 yards or less (a few exceptions with 15y)
Side parallax adjustment
Turrets = exposed (with a few exceptions with capped turrets)
Reticle = holdoff reticle (evenly spaced hash lines or dots for aiming with holdoff/ holdover)
Price = mostly between $200 and $500, but some are quite a bit more expensive, and they are included because they have all around very good specs (e.g., great magnification range; great bottom end FoV; 10-mil turrets, etc.)

Abbreviations in the Table

Green is a good thing... – e.g.: a very good warranty, a shorter size or lighter weight than average for this magnification range, a larger than average elevation adjustment range, a very wide field of view (FoV), or some additional feature (bubble level, zero stop [0-Stop], turret turn counter [T Turn Counter], numbers on the hash lines of the reticle [N]), etc.

Red is less of a good thing... – e.g.: a not so great warranty, a longer size or heavier weight than average, a smaller than average elevation adjustment range, a very narrow field of view (FoV), or some other negative or limiting feature, like: a small exit pupil (reducing the eye box), a min. parallax longer than 10y, a reticle without illumination, capped turrets, an FFP reticle without thick outside posts, or a price higher than the max. price that was set for this scope table), etc.

Purple is something noteworthy that could be either good or bad, depending on the shooting scenario... – e.g.: an objective lens that is exceptionally small or large for its magnification (e.g., a small lens allows less light to enter, and reduces the need to focus to correct parallax errors), or an exceptionally short or long eye relief (affecting the scope mounting location and eye/head placement), etc.

Orange is a caution flag, a marginal feature or characteristic... – e.g.: warranty limitations, a marginal FoV, a smaller objective diameter for (supposedly) less light than average for the magnification range, an uneven number of mils or moas per turret turn (not multiples of 5mil or 10moa), a 34mm tube (somewhat limiting scope mount choices), a price so low as to shed doubt on the quality of the scope, etc.

SFP vs. **FFP** = table starts with SFP *(second focal plane)* scopes, then *first focal plane* (FFP)

Thick O/S Posts [for FFP] = thick black outside posts, i.e., 3 or 4 of the crosshairs are thick toward the outside (the posts are not hollow rectangles, but filled in with black), which allows seeing the crosshairs easily even when at low magnification. Some have no thick posts, and some have *semi thick* posts.

10x [or 16x, or another number] [for SFP] = the magnification at which the holdoff hash lines or dots have been calibrated, i.e., where 1 moa indicated on the reticle actually is 1.047" in reality at 100 yards

Series and Part No. = the manufacturer's product or parts number; helpful to identify the scope at a seller's page as some scopes are very similar and the seller's description is either misleading or insufficient to identify the scope with certainty; also for shopping for the lowest price it helps to enter the number in the search

Discont. = product has been discontinued (but still could be purchased used)

Warranty Info: *Life* = life time warranty | *5y* = 5 years warranty | *OOwn* = warranty only for the original owner | *Unlmt* = unlimited warranty | *Anyb.* = warranty applies to any owner, anybody (e.g., even if you bought it used) | *NoRec.* = no receipt (proof of purchase) required | *Rec. [or: R.]* = receipt (proof of purchase) required | 30d = must register the scope within 30 days of purchase

FoV = Field of View (in ft at 100y):

- *FoV @ bottom magnification:*

  A large FoV at the bottom end of the magnification range is important for *hurried close range shooting,* as the large FoV helps rapid target acquisition. Note that a wide FoV is not critical for *unhurried shooting,* i.e., shooting on stationary targets (or quarry that isn't skittish and gives the shooter time to set up the shot).

  The color coding in the table is based on my very personal, unabashedly subjective estimation: *For my kind of hurried close range shooting* I'd like to have a FoV of at least around 3ft at 10y (1m at 10m) (which translates to around 30ft @100y, as FoV is usually reported at 100y; it is color coded black).

  The color coding at the bottom end of the mangification is applied irrespective of the scope's magnification, so naturally 6-24x scopes for example don't usually get a green rating, but orange or red. Note however that there are sometimes huge differences in FoV between scopes with the same magnification range which makes the bottom end magnification an unreliable indicator of FoV when scope shopping.

  41ft or more | 40-35ft | 34-28ft | 27-22ft | 21-17ft | **16ft or less**

- *FoV @ top magnification:*

  Between two scopes with the same top end magnification the one with a larger FoV is

preferrable, all other things being equal. This is because the larger FoV might allow to see more clues to how the wind is behaving, or allows to see additional quarry, or makes following the quarry easier if it decides to move. The color coding in the table is based on what is typical for this magnification, i.e., what I have observed to be average for this top magnification.

Examples: At 16x a FoV of 6.3ft normal, whereas a FoV of 4.7ft is rather narrow and limited. A FoV of **8.5ft** would be great.

Color Coding for the Evaluation of FoV at the *Top End* Magnification

Magnification	1								7		8	9	10	11	12	13	14	15	16	18	20	22	24	26	28	30	32									
Magnification	1										8								16								32									64
"times life size"	1x								7x		8x	9x	10	11	12	13	14	15	16	18	20	22	24	26	28	30	32		39		46		53		60	64
Evaluation of Field of View (FoV): Top End* FoV @ 100y																																				
FoV in ft	from worst to best										ft				ft				ft				ft				ft									
red bold	red/orange gets this evaluation if the value is as indicated or worse										8.5	8	7.5		6		5	4.6	4.2	4.0	3.9		3.7			2.8	2.8									
red											9.5	9	8.5		7		5.8	5.2	4.7	4.5	4.4		4.1			3.2	3.2									
orange											10.5	10	9.5		8		6.5	5.9	5.4	5.2	4.9		4.5			3.6	3.6									
Typical Value			color black								13	12	11		9		8	7.1	6.3	5.9	5.5		4.9			4	4									
green	green gets this evaluation if the value is as indicated or better										15	14	13		11		9	8.1	7.2	6.7	6.2		5.3			4.1	4.1									
green bold											17.5	17	15.5		13		10.1	9.3	8.5	7.7	7		5.7			4.4	4.4									
Magnification	1								7		8	9	10	11	12	13	14	15	16	18	20	22	24	26	28	30	32									

IR = illuminated reticle [Y = yes | NO]

Reticle; Ret.

D = "dots" = enough dots or hash lines on the crosshairs for holdoffs for elevation and windage

N = "numbers" = the dots or hash lines are numbered for quicker holdoffs

Grid = the reticle is a grid style ("Christmas tree style"): for some shooters and for scope cams it "clutters" the reticle, but it allows for more precise elevation *and* windage holdoffs simultaneously

CD = "center dot" = the crosshairs use a *dot* at the center where the two crosshairs intersect

BDC = bullet drop compensating reticle, meaning that the spacing between the hash lines is uneven and therefore not usable for holdoffs unless shooting the ammo the reticle was calibrated for

Capped Turrets! BUT Clickable = means that though the turrets are capped, when uncapped they are finger adjustable, the numbers are visible from behind the rifle, and the zero can be reset

Hawke scopes: Careful when purchasing them, new or used. Hawke has the annoying habit of coming out with new scope models but fails to either add the designation "Gen. 2" or to give them a new series name. In addition they have the habit of adding a couple of innocuous letters or numbers to the name of the scope – which mean massive changes in the features or the performance. These letters or numbers are easy to miss for both the buyers and commercial and private sellers. To assure you are getting the scope with the features you are thinking you are getting, check that the manufacturer's model number is the correct one. The Scope Specs Table notes the numbers for most scope models for that very reason.

Prices

In US dollars

Price Low = lowest *street prices* in US dollars I found in 2019 – and updated according to the list below. An additional price is separated by a *comma* **,**

Price Mfctr.'s = manufacturer's price [last price in that field, after the semicolon **;**]

Prices and/or models updated as follows: 2021-06: Hawke | 2021-07: Shepherd | 2022-12: Riton | 2022-12: Element | 2023-07: Discoveryopt, aka Discovery | Primary Arms

				Magni. → FoV		→ Eye Box			Exposed Turrets				Holdoff Reticle				Dimensions			
*in 2019, some 2020, 2021, 2022, 2023 Brand: Series Part No.	Price*: Low; Mfctr.'s in US $	War-ranty	Sprin ger-Rated	Magni-fication	FoV =Field of View @ 100y (ft)	Obj. ⌀ Dia (mm)	Exit Pupil (mm)	IR Y, N	Max. Elev. Adjmt. (MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP Thick O/S Posts? – SFP Calibration at ?	Enough Dots, No's, Grid, CD Center Dot	Line Thick-ness	Tube Dia-meter	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
SFP Scopes																				
UTG: Accushot T8 Tactical •Ret. MOA No. SCP3-216UMOA	178; 250	Life	Yes!!	**2-16x**	44-6	44	22-2.7	Y	??	¼ inch	18 inch	SMOA≈	=MOA	SFP 10x	D, N	?	30	22.6 641g	12.4" 32c	Locking Turrets
UTG: Accushot OP3 •Ret. MOA No. OP3-GM4164UMOA	?; 210	Life	Yes!!	**4-16x**	26-8	44	11-3.0	Y	??	¼ moa	24 moa	MOA=	=MOA	SFP 10x	D, N	?	30	21.5 610g	10.7" **27c**	Locking Turrets
UTG: Accushot Premium: Bubble Leveler •Ret. MOA No. SCP3-UG4165AOIEWB	?; 210	Life	Yes!!	**4-16x**	24-7	56	14-3.5	Y	??	⅛ moa	16? moa	MOA≠	≠MIL	SFP 10x	D	?	30	31.7 899g	16.0" 41c	T Turn Counter Bubble Level Locking Turrets
Nikko: Diamond Long Range •Ret. HMD! No. NDBI41650LRHMD	240; ?	Life, 0.Own	?	**4-16x**	32-8	50	?	Y	60	¼ moa		MOA≠	≠MIL	SFP x?	D	?	30	27.7 784g	13.7" 35c	Locking Turrets
Hawke: Airmax 30 SF •Ret. AMR IR No. 13310 Discontinued	400; ?	Life, R. 0.Own	Yes!!	**4-16x**	23-6	50	13-3.0	Y, N	85	¼ moa	?	MOA≠	≠MIL	SFP 10x	D	?	30	27.5 780g	14.1" 36c	Locking Turrets
Hawke: Vantage 30 WA SF IR No. 14296	340; 399	Life, R. 0.Own	Yes!!	**4-16x**	29-8	50	12-3.1	Y	93	0.1 mil	6 mil	MIL=	=MIL	SFP 10x	D	?	30	26.1 740g	13.7" 35c	
MTC: Copperhead F2 [SFP]	480; ?	Life 30d R.0.Own	?	**4-16x**	24-6	44	?	Y	**40**	0.1 mil	6 mil	MIL=	=MIL	SFP 10x	D 1mil Wind only, N	?	30	24.3 590g	10.8" **27c**	Locking Turrets
Hawke: Airmax 30 SF Compact No. 13210	390; 429	Life, R. 0.Own	Yes!!	**4-16x**	33-8	44	11-2.8	Y	67	0.1 mil	6 mil	MIL=	=MIL	SFP 10x	D	?	30	21.9 621g	11.7" **30c**	Capped Turrets BUT Large for Dialing! T Turn Counter
MTC: Viper Pro	640; –	Life 30d R. 0.Own	Yes (?)	**3-18x**	42-7?	50	?	Y	73	¼ moa	42 moa	MOA≠ Custo-mizable	≠MIL	SFP x?	D	?	30	30.4 862g	14.8" 38c	Customzbl Turrets "low quality glass" Magnifier Cap
MTC: Viper Pro Tactical	590; –	Life 30d R. 0.Own	Yes (?)	**3-18x**	42-7?	50	?	Y	73	¼ moa	14 moa	MOA≠	≠MIL	SFP x?	D	?	30	25.6 725g	14.8" 38c	not customizable, "low quality glass"
Sightron: S-TAC [SFP!] •Ret. MOA-3	450; 520	Life	Yes!!	**3-16x**	32-6	42	?	NO	70	¼ moa	15 moa	MOA=	=MOA	SFP 16x	D	.02mi .08mo	30	23.5 666g	12.9" 33c	Daling Turrets (capped w/ N1) T Turn Counter
Bushnell: Engage	325; ?	Life, NoRec.		**4-16x**	28-7	44	?	NO	50	¼ moa	15 moa	MOA=	=MOA	SFP x?	D		30	20.1 **570g**	14.0" 36c	
Aztec: Emerald	400; ?	Life	Yes!!	**3-18x**	~~19-4~~? = Error in the Catalog	50	?	NO	**???** (50MOA for 5.5-25x50)	¼ moa	15 moa	MOA=	=MOA	SFP 18x	D	?	30	24.3 690g	13.3" 34c	
Optisan: EVX 4-16X44i •Ret. MIL-MH10X	391; 440	Life	?	**4-16x**	27-7	44	?	Y	50	0.1 mil	**4.8!** mil	MIL=	=MIL	SPF 10x	D, (N)	?	30	25.6 726g	14.3" 36c	T Revolution uneven 4.8 mil!
Sightron: S-TAC: [SFP!] •Ret. MOA	470; 540	Life		**4-20x**	24-4	50	?	NO	80 (40 wind age)	¼ moa	15 moa	MOA=	=MOA	SFP x?	D	.03mi .1mo	30	23.8 675g	14.8" 38c	Dialing Turrets (capped w/ N1) Turn Counter
Hawke: Sidewinder 30 SF No. 17140	459; 619	Life, R. 0.Own	Yes	**4.5-14x**	28-9	44	10-3.1	Y	95	0.1 mil	6 mil	MIL=	= MIL	SFP 10x	D, Grid	?	30	24.0 680g	13.3" 34c	T Turn Counter
Hawke: Sidewinder 30 SF No. 17250	469; 629	Life, R. 0.Own	Yes	**4-16x**	32-8	50	12-3.1	Y	90	0.1 mil	6 mil	MIL=	= MIL	SFP 10x	D, Grid	?	30	25.6 725g	13.3" 34c	T Turn Counter

				Magni. ➔ FoV		➔ Eye Box			Exposed Turrets				Holdoff Reticle				Dimensions			
*in 2019, some 2020, 2021, 2022, 2023 Brand: Series Part No.	Price*: Low; Mfctr.'s in US $	War-ranty	Sprin ger-Rated	Magni-fication	FoV =Field of View @ 100y (ft)	Obj. ⌀ Dia (mm)	Exit Pupil (mm)	IR Y, N	Max. Elev. Adjmt (MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP Thick O/S Posts? – SFP Calibration at ?	Enough Dots, No's, Grid, CD CenterDot	Line Thick-ness	Tube Dia-meter	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
Vector: Paragon Gen. 2 No. SCOM-25 ≠ SCOM-11 ➔ NO! Gen. 1 No.	?; 360	5y, Rec.	Yes	**3-15x**	37-8	50	8-3.3	Y	90	0.1 mil	8 mil	MIL=	=MIL	SFP 10x	D, N	?	30	22.0 625g	13.2" 34c	Locking Turrets
Vector: X6 Continental SPF Tactical •Normal turrets, ret. CenterDot lit No. SCOL-21T •ARI, big turrets, all ret. is lit No. SCOL-53	?; 460	Life, NoRec.	?	**3-18x**	41-7	50	9-2.8	Y	70	0.1 mil	8 mil	MIL=	=MIL	SFP 10x	D, N, Grid	?	30	23.8 675g	15.2" 39c	3 screws; Locking Turrets; 0-Stop
Hawke: Frontier SF •Mil Pro Ret. No. 18120	550; 609	Life, R. 0.Own	Yes	**3-15x**	37-7.5	44	15-2.9	Y	70	0.1 mil	8 mil	MIL=	=MIL	SFP 10x	D, N, Grid	?	1"	20.6 **584g**	13.2" 34c	3screws; Locking Turrets; 0-Stop
Riton: 3 Conquer (or X3)	415; 560	Life, NoRec	Yes	**3-15x**	38-7.6	44	15-2.9	Y	85	¼ moa	15 moa	MOA=	=MOA	SFP 15x	D, N, CD	?	30	25.4 720g	13.1" 33c	0-Stop; T Turn Counters
Hawke: Frontier 30 SF •Mil Pro Ret. No. 18421	669; 849	Life, R. 0.Own	Yes	**2.5-15x**	**45**-7	50	20-3.3	Y	107	0.1 mil	8 mil	MIL=	=MIL	SFP 10x	D, N, Grid	?	30	23.3 660g	14.8" 38c	**Parallax 15y** 3screws; Locking Turrets; Zero Stop
Vector: Continental X8 ED SFP Tactical No. SCOL-T38	?; 649	Life		**2-16x**	**61**-7.7	44	6^{5}-2.8	Y	110	0.1 mil	8 mil	MIL=	=MIL	SFP 10x	D, N, Grid	?	30	23.8 675g	13.6" 35c	**Parallax 14 or 10y** (yes); 0-Stop Turn Counter; Locking Turrets
Element: Helix •Ret. APR-1C MRAD No. 50053 •Ret. APR-1C MOA No. 50054	589; ?	Life, NoRec.		**2-16x**	**60**-7.5	50	8^{5}-3.1	Y	100 wind 45moa	0.1mi ¼mo	6mi 15mo	MIL= MOA=	=MIL =MOA	SFP 16x	D, N, CD	.03mi ?	30	25.6 726g	13.4" 34c	Turn Counter; 0-Stop – limits the max. adjustment??
Maven: RS.5 Only SHR-MIL Ret.!	1400; 1400	Life	?	**4-24x**	2.8-4.6	50	8^{5}-2.1	Y	100	0.1 mil	10 mil	MIL=	=MIL	SFP 24x	•5mi Elev., CD	?	30	25.5 723g	14.4" 37c	0-Stop; Windage capped
Hawke: Frontier SF •Mil Pro Ret. No. 18130	479; 629	Life, R. 0.Own	Yes	**4-20x**	28-6	44	11-2.2	Y	63	0.1 mil	8 mil	MIL=	=MIL	SFP 20x	D, N, Grid	?	1"	20.6 **584g**	13.2" 34c	3screws; Locking Turrets; 0-Stop
Hawke: Frontier 30 SF •Mil Pro Ret. No. 18431	699; 899	Life, R. 0.Own	Yes	**4-24x**	28-5	50	12-2.1	Y	73	0.1 mil	8 mil	MIL=	=MIL	SFP 20x	D, N, Grid	?	30	23.4 662g	14.5" 37c	**Parallax 15y** 3screws; Locking Turrets; 0-Stop
Vector: X6 Continental SFP Tactical No. SCOL-33T	?; 499	Life, NoRec.	?	**4-24x**	31-5	50	9-2.1	Y	67	0.1 mil	8 mil	MIL=	=MIL	SFP 20x	D, N, Grid	?	30	23.6 670g	14.6" 37c	**Parallax 15y**
	FFP Scopes – without Thick Outside Posts **in the Reticle**																			
Hawke: Vantage 30 WA FFP IR No. 14300	398; 469	Life, R. 0.Own	<12 FPE	**4-16x**	33-8	50	12-3.1	Y	86	0.1 mil	6 mil	MIL=	=MIL	FFP No Thick Posts	D	?	30	26.3 745g	13.7" 35c	
Vector: Veyron FFP No. SCFF-22	198; 259	5y	Yes	**4-16x**	26-6	44	11-2.7	NO	60	0.1 mil	6 mil	MIL=	=MIL	FFP[17] No Thick Posts	D	?	30	20.0 570g	10.6" **27c**	Locking Turrets Eye Relief: 3.0-8.5cm
Sun Optics: FFP Variable Series No. CS41-41444	313; 563	1y	?	**4-14x**	27-8	44	11-3.2	NO	**???**	0.1 mil	???	MIL=	=MIL	FFP No Thick Posts	D, N		30	24.0 680g	14.0" 36c	Turrets a bit ugly!
Hawke: Airmax 30 FFP SF No. 13350	510; 569	Life, R. 0.Own	Yes!!	**4-16x**	32-8	50	12-3.1	Y	70	0.1 mil	6 mil	MIL=	=MIL	FFP w/ odd spacing No Thick Posts	D	?	30	26.6 755g	13.7" 35c	**Capped Turrets!** BUT Clickable
MTC: Cobra F1	427; –	Life Rec. 0.Own 30d	?	**4-16x**	27-7	50	?	Y	47	0.1 mil	6 mil	MIL=	=MIL	FFP No Thick Posts	D	?	30	29.4 834g	13.5" 34c	**Parallax 15y** Locking Turrets Magnifier in Cap
Hawke: Sidewinder SF FFP No. 17410 Discontinued	480; 579	Life, R. 0.Own	Yes	**4-16x**	23-6	50	13-3.0	Y	83	0.1 mil	6 mil	MIL=	= MIL	FFP[5] No Thick Posts	D	?	30	28.7 810g	14.4" 37c	
Vector: Taurus No. SCFF-11	360; 400	Life, NoRec.	?	**3-18x**	33-6	50	16-2.7	Y	60	0.1 mil	6 mil	MIL=	=MIL	FFP[1] No Thick Posts	D, N	?	30	26.5 750g	13.2" 34c	Parallax says 15y, but is 10y

				Magni. → FoV		→ Eye Box			Exposed Turrets				Holdoff Reticle				Dimensions			
*in 2019, some 2020, 2021, 2022, 2023 Brand: Series Part No.	Price*: Low; Mfctr.'s in US $	War-ranty	Sprin ger-Rated	Magni-fication	FoV = Field of View @ 100y (ft)	Obj. ⌀ Dia (mm)	Exit Pupil (mm)	IR Y, N	Max. Elev. Adjmt. (MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP Thick O/S Posts? – SFP Calibration at ?	Enough Dots, No's, Grid, CD CenterDot	Line Thick-ness	Tube Dia-meter	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
Vector: Taurus No. SCFF-17	300; 430	Life, NoRec.	?	**4-24x**	27-4	50	12-2.1	Y	50	0.1 mil	6 mil	MIL=	=MIL	FFP[15] No Thick Posts	D, N	.04mi .14mo	30	27.1 770g	15.0" 38c	Parallax says 15y, but is 10y. Locking turrets. 2 extra elev. turrets
Hawke: Sidewinder 30 FFP •FFP Half Mil Ret. No. 17450 •FFP MOA Ret. No. 17451	599; 799. 697; 799	Life, R. 0.Own	Yes	**4-16x**	32-8	50	13-3.1	Y	90	0.1mi ¼mo	6mi 15 mo	MIL= MOA=	= MIL =MOA	FFP No Thick Posts	D, Grid	?	30	25.6 725g	13.3" 34c	T Turn Counter
Hawke: Frontier 30 FFP •Mil Pro 20x Ret. No. 18530	950; **1200**	Life, R. 0.Own	Yes	**4-20x**	28-2-5.7	50	12-2.5	Y	80	0.1 mil	8 mil	MIL=	=MIL	FFP[27] No Thick Posts	D, N, Grid	?	30	22.2 630g	13.2" 34c	**Parallax 15y** 3 screws; Locking Turrets; 0-Stop
Hawke: Frontier 30 FFP •Mil Pro 15x Ret. No. 18520	900; **1150**	Life, R. 0.Own	Yes	**3-15x**	37.5-7.5	50	17-3.3	Y	90	0.1 mil	8 mil	MIL=	=MIL	FFP[26] No Thick Posts	D, N, Grid	?	30	22.2 630g	13.2" 34c	3 screws; Locking Turrets; 0-Stop
	FFP Scopes – with Thick Outside Posts in the Reticle																			
Monstrum: FFP-G2 No. G2-BFFPS41650-M	?; 170	1y, R. 0.Own	?	**4-14x**	?	44	?	Y	**???**	¼ moa	15 moa	MOA≠	≠MIL	FFP Thick O/S Posts	D	?	30	29.0 822g	14.5" 37c	
Monstrum: FFP-G3 No. G3F41444	?; 240	1y, R. 0.Own	?	**4-14x**	?	44	?	Y	**???**	¼ moa	15 moa	MOA=	=MOA	FFP[20] Thick O/S Posts	D	?	30	26.0 737g	14.0" 36c	
Monstrum: FFP-G1 No. FFPS41444-M	?; 195	1y, R. 0.Own	?	**4-14x**	?	44	?	Y	**???**	0.1 mil	6 mil	MIL=	=MIL	FFP[10] Thick O/S Posts	D, N	?	30	26.0 737g	13.0" 33c	T Turn Counter
Nikko: Diamond FFP 30 •w/ PRR Reticle No. NSFFP41644PRR •w/ Skeleton HMD Reticle No. NSFFP41644HMD	275; ?	Life, 0.Own	?	**4-16x**	27-7	44		Y	60	0.1 mil		MIL=	=MIL	FFP[18] O/S Posts: •Thick •Not Thick	•D, N •D, –	.05mi .17mo	30	21.9 620g	13.4" 34c	Locking Turrets
Primary Arms (US): Silver Series **S**Lx: •w/ R-Grid 2B Ret. No. 610090 •w/ MIL-DOT Ret. No. 610091 •w/ ARC-2-MOA Ret. No. 610089	280 Mfc 230 Mfc 250 Mfc	3y	?	**4-14x**	27-2-7.9	44	11-3.3	Y	60	0.1mi 0.1mi ¼mo	6 mi 6 mi 12mo	MIL= MIL= MOA=	=MIL =MIL =MOA	FFP[4] O/S Posts: •Not Thick •Thick •Thick	D, N, Grid. D. D, (N)	?	30	25.2 714g	13.0" 33c	T Turn Counter
Blackhound (US): 4-14x44 FFP	?; 300	Life, Anyb.	?	**4-14x**	27-8	44	?	Y	70	0.1mi ¼mo	5 mi 15mo	MIL= MOA=	=MIL =MOA	FFP[2] Thick O/S Posts	D, N		30	25.6 726g	13.0" 33c	T Turn Counter
Vector: Tourex No. SCFF-24	?; 260	5y, Rec.	?	**4-16x**	25-6	44	11-2.7	Y	60	0.1 mil	6 mil	MOA=	=MOA	FFP Thick O/S Posts	D, ≈N	?	30	23.5 665g	14.0" 36c	
Nikko: Diamond FFP 34 •w/ PRR Reticle No. NSFFP3441644 •w/ Skeleton HMD Ret. No. NSFFP3441644	320; ?	Life, 0.Own	?	**4-16x**	27-7	44		Y	115	0.1 mil	6 mil	MIL=	=MIL	FFP[18] O/S Posts: •Thick •Not Thick	D, N D, –	.05mi .17mo	34	24.0 680g	13.4" 34c	Locking turrets
Optisan: EVX 4-16X44F1 (MIL-F1MH16)	490; 550	Life	?	**4-16x**	27-7	44	11-2.7	NO	50	0.1 mil	5 mil	MIL=	=MIL	FFP[19] Thick O/S Posts	D, (N)		30	24.0 680g	14.2" 36c	
Athlon: Talos BTR No. 215028	290; 360	Life, NoRec.	Yes!!	**4-14x**	27-8	44	11-3.3	Y	67	0.1 mil	5 mil	MIL=	=MIL	FFP[7] Thick O/S Posts	D, N	.025mi .08mo	30	23.6 669g	12.9" 33c	
Primary Arms (US): Silver Series **S**Lx: •w/ Apollo 6.5CM Reticle •w/ Athena BPR MIL Ret. •w/ Hera BPR MOA Ret.	?; 480	Life	?	**3-18x**	37-6	50	16-2.7	Y	50	0.1mi 0.1mi ¼mo	7 mi 7 mi 18mo	MIL= MIL= MOA=	=MIL =MIL =MOA	FFP[3] Thick O/S Posts	D, N D, N, Grid	?	30	25.5 720g	13.2" 34c	**Parallax 15y**✔ Locking Turrets
Arken: EPL4 •MIL VHR Ret. •MOA VHR Ret.	350, 300; 400	Life		**4-16x**	30-7[5]	44	?	Y	86	0.1mi ¼mo	8 mi 20mo	MIL= MOA=	= MIL =MOA	FFP[36] Thick O/S Posts	D, N, CD	.03mi .10mo	30	23.7 672g	13.2" 34c	0-Stop; 3 screws to re-zero; T Turn Counter
SWFA: 30mm series "Turrets + scope very tough."	550 Demo; 700	Life, NoRec	Yes ??	**3-15x**	35-7	42	11-2.8	NO	**125**	0.1mi ¼mo	5 mil 15moa	MIL= or MOA=	=MIL or =MOA	FFP Thick O/S Posts	D or D, N	.06mi .20mo	30	24.1 680g	13.7" 35c	T Turn Counter Tough! Turrets a bit ugly. Min. Parall. 7y

				Magni. → FoV		→ Eye Box			Exposed Turrets				Holdoff Reticle				Dimensions			
*in 2019, some 2020, 2021, 2022, 2023 Brand: Series Part No.	Price*: Low; Mfctr.'s in US $	War-ranty	Sprin-ger-Rated	Magni-fication	FoV =Field of View @ 100y (ft)	Obj. ⌀ Dia (mm)	Exit Pupil (mm)	IR Y, N	Max. Elev. Adjmt (MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP Thick O/S Posts? – SFP Calibration at ?	Enough Dots, No's, Grid, CD CenterDot	Line Thick-ness	Tube Dia-meter	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
Sightron: S-TAC: [FFP!] •Ret. MIL	660; **800**	Life		**4-20x**	22-4	50	?	Y	80 (40 wind age)	0.1 mil	5 mil	MIL =	=MIL	FFP Thick O/S Posts	D, N	.035mi .12mo	30	25.6 725g	15.0" 38c	T Turn Counter 0-Stop
Shepherd (US): BRS •BRS-MIL Ret. •BRS-MOA Ret.	449; 549	Life, 0Own		**4-16x**	25-7	44	?	Y	65	0.1mi ¼mo	6?mil 15 mo	MIL = MOA =	=MIL =MOA	FFP[12] Thick O/S Posts	D, N, Grid	.05mi .16mo ? ?	30	23.6 670g	13.8" 35c	T Turn Counter Locking Turrets
Element: Nexus •APR-1C MRAD Ret. •APR-2D MRAD Ret. •EHR-1C MOA Ret. •EHR-1D MOA Ret.	**1500**; **1500**	Life		**5-20x**	23[3]-5.8	50	8-2.5	Y	80 50 wind-age	0.1mi ¼mo	10 mi 20mo	MIL = MOA =	=MIL =MOA	FFP Thick O/S Posts	•D, N •+Grid •D, N •+Grid	?	30	28.0 794g	13.8" 35c	0-Stop T Turn Counter Toolless Rezero
Sightmark: Citadel •w/ MR2 No. SM13039MR2 •w/ LR2 No. SM13039LR2 •w/ LR1 No. SM13039LR1	340-400; 475	Life, 30d, 0.0wn		**3-18x**	33-6	50	7-2.7	Y	60	0.1mi 0.1mi ¼mo	6 mi 6 mi 15 mo	MIL = MIL = MOA =	=MIL =MIL =MOA	FFP Thick O/S Posts	D, N +Grid +Grid	.03mi .03mi .12mo	30	26.1 740g	13.0" 33c	Parallax says 15y, but is c.13y. Locking turrets. Throw lever.
Swampfox (US): Ken-tucky Long •Sharpsh. Grid Ret. MIL No. KTK31850-4L •Sharpsh. Grid Ret. MOA No. KTK31850-4M	428; 529	Life (50000 rounds)		**3-18x**	35-6	50	11-2.2	Y	110	0.1mi ¼mo	6 mi 15mo	MIL = MOA =	=MIL =MOA	FFP[22] Semi Thick Posts	D, N, Grid	?	30	28.2 800g	14.8" 38c	Locking Turrets
Sightron: S-TAC: FFP Zero Stop •Mil-Hash-2 Ret. No. 26017-S-TAC3-16x42FFZSPMH •Moa-5 Ret. No. 26020-S-TAC3-16x42ZSFFPIRMOA	580; 670	Life		**3-16x**	29-6	42	?	Y	70	0.1mi ¼mo	5 mi 15 mo	MIL = MOA =	=MIL =MOA	FFP Thick O/S Posts	D, N	.05mi .17mo .03mi .10mo	30	24.8 703g	13.3" 34c	0-Stop T Turn Counter
Athlon: Midas TAC No. 213070	590; 737	Life, NoRec.	?	**4-16x**	28-7	44	11-~~1.8~~ error	NO	100	0.1 mil	10 mil	MIL =	=MIL	FFP[8] Thick O/S Posts	D, N	.04mi .14mo	30	23.8 669g	14.6" 37c	0-Stop T Turret Counter Capped Windage
Element: Helix FFP •MIL Ret. APR-2D MRAD •MOA Ret. APR-2D MOA •MIL Ret. APR-1C MRAD •MOA Ret. APR-1C MOA	460; –	Life, NoRec.		**4-16x**	26-6[5]	44	13-3.3	NO	80 45 Wind	0.1 mi ¼ mo	6 mil 15 mo	MIL = MOA =	=MIL =MOA	FFP[29] Thick O/S Posts	D, N, Grid, CD D, N, CD	.045mi .15mo ? ?	30	23.8 675g	14.2" 36c	**Parallax 15y** Toolless Re-zero; 0-Stop – limits the max. adjustment?? T Turn Counter
Hi-Lux (US): PentaLux TAC-VF 4-20x50 FFP G2	539; 575	Life, Rec.	No	**4-20x**	28-6	50	12-2.5	Y	80	0.1 mil	12 mil	MIL =	=MIL	FFP Thick O/S Posts	D, N	?	30	27.9 791g	14.7" 37c	Locking Turrets Throw Lever
Swampfox (US): Warhawk •Sharpsh. Grid Ret. MIL No. TWK31550-3L •Sharpsh. Grid Ret. MOA No. TWK31550-3M	??; 599	Life (50000 rounds)		**3-15x**	39[1]-8[0]	50	8-3.0	Y	120	0.1mi ¼mo	10 mi 25 mo	MIL = MOA =	=MIL =MOA	FFP[25] Semi Thick Posts	D, N, Grid	?	34	30.0 850g	14.8" 38c	Locking Turrets
Shepherd (US): BRS •BRS-MIL Ret. •BRS-MOA Ret.	**799**; **850**	Life, 0.0wn		**3-18x**	35-6	50	?	Y	100	0.1mi ¼mo	6?mil 15?mo	MIL = MOA =	=MIL =MOA	FFP[28] Thick O/S Posts	D, N, Grid	? ? .05mi .19mo	34	31.0 880g	13.5" 35c	T Turn Counter; Locking Turrets
Falcon (UK): S18i FFP *343$ at SWFA 12% Discontinued	343, 380; –	10y, 0.0wn	Yes!!	**3-18x**	39-7	50	16-2.8 calcul.	Y	90 Mine travels 105	0.1 mil	10 mil	MIL =	=MIL	FFP[6] Thick O/S Posts	D, N	.04mi .14mo	30	31.1 882g	14.6" 37c	T Turn Counter
Element: Titan •MIL Ret. APR-2D •MOA Ret. APR-2D	**800**; –	Life, NoRec.		**3-18x**	41-7	50	17-2.8	Y	**150**	0.1mi ¼mo	10mi 25mo	MIL = MOA =	=MIL =MOA	FFP[34] Thick O/S Posts	D, N, Grid, CD	?	34	34.4 976g	14.6" 37c	0-Stop – limits the max. adjst.?? Toolless Re-zero; T Turn Counter
Athlon: Ares BTR Gen.2 •APRS5 MIL Ret. No. 21201 •APLR4 MOA Ret. No.212013	**900**; **1250**	Life, NoRec.		**~~25~~-15x**	42-7	50	11-3.3	Y	100	0.1mi ¼mo	10 mil 25mo	MIL = MOA =	=MIL =MOA	FFP Thick O/S Posts	D, N, Grid	.06mi .20mo .07mi .24mo	30	27.3 774g	13.8" 35c	0-Stop; T Turn Counter

				Magni. → FoV		→ Eye Box			Exposed Turrets				Holdoff Reticle				Dimensions			
*in 2019, some 2020, 2021, 2022, 2023 Brand: Series Part No.	Price*: Low; Mfctr.'s in US $	War-ranty	Sprin ger-Rated	Magni-fication	FoV = Field of View @ 100y (ft)	Obj. ⌀ Dia (mm)	Exit Pupil (mm)	IR Y, N	Max. Elev. Adjmt. (MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP Thick O/S Posts? – SFP Calibration at ?	Enough Dots, No's, Grid, CD CenterDot	Line Thick-ness	Tube Dia-meter	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
Athlon: Helos BTR Gen. 2 • APRS6 MIL Ret. No. 214109 • APLR6 MOA Ret. No. 214108	500, 570; 750	Life, NoRec.		**4-20x**	28-6	50	?	Y	100	0.1mi ¼mo	10 mi 25 mo	MIL = MOA =	=MIL =MOA	FFP Thick O/S Posts	D, N, Grid	.05mi .17mo .05mi .17mo	30	27.6 782g	13.3" 34c	0-Stop; T Turn Counter
Apex: The Hunter	**1040**; **1200**	Life		**3-15x**	38-3-7.6	44	17-3.3	Y + NO	70	0.1 mil	10 mil	MIL =	=MIL	FFFP[37] Thick O/S Posts	D, N, Grid, CD	?	30	26.0 738g	13.8" 35c	Locking Turrets
Maven: RS.1 – Buy With Custom Turret!! Only MOA-2 Ret.!	**1200**; **1200**	Life		**2.5-15x**	42-7	44	28-2.9	NO	100	¼ moa	20 moa	MOA =	=MOA	FFP Thick O/S Posts	All: CD • 10mo Wind,N	?	30	24.5 695g	14.1" 36c	
Swampfox (US): Kentucky Long	458; 569	Life (50000 rounds)		**4-24x**	30.9-4.7	50	11-2.0	Y	90	0.1mi ¼mo	6 mi 15 mo	MIL =or MOA =	=MILor =MOA	FFP[23] Semi Thick Posts	D, N, Grid	?	30	28.2 800g	15.1" 38c	Locking Turrets
Swampfox (US): Warhawk • Sharpsh. Grid Ret. MIL No. TWK42050-3L • Sharpsh. Grid Ret. MOA No. TWK42050-3M	??; 659	Life (50000 rounds)		**4-20x**	32.0-7.2	50	13-2.4	Y	90	0.1mi ¼mo	10 mi 25 mo	MIL = MOA =	=MIL =MOA	FFP[24] Semi Thick Posts	D, N, Grid	?	34	32.8 930g	15.0" 38c	Locking Turrets
Vector: Continental X6 FFP No. SCFF-28	?; **800**	Life, NoRec.		**3-18x**	41-7	50	8-2.8	Y	**146**	0.1 mil	10 mil	MIL =	=MIL	FFP[13] Thick O/S Posts	D, N, Grid	?	34	28.9 820g	13.3" 34c	0-Stop with 68moa Limit Locking Turrets
Hawke: Frontier 34 FFP • MIL Ret. No. 18620 • MOA Ret. No. 18621	**1170**; **1300**	Life, R. O.Ow n	Yes	**3-18x**	37-4	50	17-2.8	Y	**158** 87 Windage	0.1mi ¼mo	8 mil	MIL = MOA =	=MIL =MOA	FFP[31] Semi Thick Posts	D, N, Grid	.04mi .14mo	34	27.9 790g	13.3" 34c	**Parallax 15y** 3screws; Locking Turrets; 0-Stop
Vortex: Strike Eagle • EBR-7C MIL Ret. No. SE-31802 • EBR-7C MOA Ret. No. SE-31801	750; **850**	Life, NoRec.		**3-18x**	39-7	44	?	Y	**154** 62 Windage	0.1mi ¼mo	10 mi 25 mo	MIL = MOA =	=MIL =MOA	FFP Thick O/S Posts	D, N, Grid CD	.03mi .10mo .04mi .15mo	34	27.3 774g	13.3" 34c	0-Stop; Toolless Re-zero; T Turn Counter; Capped Windage
Meopta: Optica6: 3-18x56 RD FFP • Only with MRad1 RD Reticle! ▲Careful w/ many similar models!	750; 850	Life, Anyb., Regist.	Yes	**3-18x**	33-6	56	9.5-3.1	Y	90	0.1 mil	10 mil	MIL =	=MIL	FFP[35] Thick O/S Posts	D, N, Grid CD, Horse shoe	.04mi .14mo	30	30.5 865g	14.5" 37c	0-Stop Capped Windage
Athlon: Ares ETR UHD • APRS6 MIL Ret. No. 212106 • APLR6 MOA Ret. No. 212105	**900**; **1250**	Life, NoRec.		**3-18x**	39-7	50	?	Y	110 80 Windage	0.1mi ¼mo	10 mi 25 mo	MIL = MOA =	=MIL =MOA	FFP[32] Thick O/S Posts	D, N, Grid	.05mi .18mo .05mi .18mo	34	31.4 782g	14.2" 34c	0-Stop T Turn Counter Locking Windage
Riton: 7 Conquer (or X7) • T3 MIL Ret. • PSR MIL Ret.	**900**; **1700**	Life	Yes	**3-18x**	35-6	50	7.5-2.9	Y	**158**	0.1 mil	10 mil	MIL =	=MIL	FFP[33] Thick O/S Posts	• D, CD • D, N, Grid,CD	.06mi .20mo .15mi .51mo	34	31.0 878g	13.6" 35c	0-Stop → but then limited travel; 3 Screws to rezero
Vector: Continental X6 FFP • No. SCFF-29 • No. SCFF-40 (more holds)	750; **850**	Life, NoRec.		**4-24x**	31-5	56	8-2.3	Y	113	0.1 mil	10 mil	MIL =	=MIL	FFP[14] Thick O/S Posts	D, N, Grid	?	34	27.5 780g	14.3" 36c	0-Stop with 68moa Limit Locking Turrets
Brand: Series Part No. *in 2019, some 2020, 2021, 2022	Price: Low; Mfctr.'s in US $	War-ranty	Sprin ger-Rated	Magni-fication	FoV = Field of View @ 100y (ft)	Obj. ⌀ Dia (mm)	Exit Pupil (mm)	IR Y, N	Max. Elev. Adjmt. (MOA)	1 click =	1 T. Turn =	Turrets in:	Reticle in:	FFP Thick O/S Posts? – SFP (Calibration)	Enough Dots, No's, Grid CD CenterDot	Line Thick-ness	Tube Dia-meter	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"

Notes About Different Scopes – N1, N2, N3, etc.:

N1: Sightron ExacTrack turret adjustment system: Though the turrets of the indicated scope are capped, they are made for *dialing*, because they use the same ExacTrack turret adjustment system as the uncapped scopes of the following series (as of the 2012 and 2022 catalog): S-TAC | SVIII [S8] | S6 | SV [S5] | SIII [S3] | SII [S2] | SII Big Sky

Reticles: Footnotes: Links for Views or Videos of FFP Reticles at Different Magnifications

- Note: Sometime in 2022 I began to save some reticle links in the following web archive, so that even if manufacturers or seller deleted the webpage or changed the URL, the link was still accessible through the archive, here:
  https://archive.org/web/web.php
- Note on more detailed reticle diagrams:
  - Athlon: Each scope on their homepage includes detailed diagrams: https://athlonoptics.com
  - Discovery: many scopes reticles are listed here: https://discoveryoptics.co.uk/reticles/

[1] Vector: Taurus: 3-18x50 FFP: Reticle at all magnifications: @ 7.59min:
https://www.youtube.com/watch?v=SOOdqEcxgU4

[2] Blackhound: 4-14x44 FFP: Reticle at min. and max. magnification:
- Alpha MIL reticle (like in the 6-24x50, the Blackhound page has an error here, and like the MOA and the 6-24x50 FPP – the 4-14x44 FPP most likely has the thick posts:
  https://www.blackhoundoptics.com/product/genesis-6-24x50-ffp-mil
- Ascent MOA reticle: https://www.blackhoundoptics.com/product/genesis-6-24x50-ffp-moa/

[3] Primary Arms: Silver Series: 3-18x50 FFP: Apollo 6.5CM MIL Grid reticle: Reticle at min. and max. magnification:
https://www.primaryarms.com/pa-3-18x50mm-illuminated-ffp-rifle-scope-with-acss-apollo-6-5cm-reticle

[4] Primary Arms: Silver Series: 4-14x44 FFP:
- R-Grid 2B reticle: https://www.primaryarms.com/slx3-5-4-14x44mm-first-focal-plane-rifle-scope-with-illuminated-r-grid-2b-reticle
- MIL-DOT reticle: https://www.primaryarms.com/primary-arms-4-14x44mm-riflescope-mil-dot-pa4-14xffp
- ARC-2-MOA reticle: https://www.primaryarms.com/primary-arms-4-14x44mm-ffp-riflescope-arc-2-moa-reticle

[5] Hawke: Sidewinder SF FFP [No. 17410]: 4-16x50: Reticle at min. and max. magnification:
https://us.hawkeoptics.com/sidewinder-30-sf-ffp-riflescopes.html

[6] Falcon: S18i 3-18x50 FFP: Reticle at all magnifications: @ 2:06min:
https://www.youtube.com/watch?v=RGmnOFp2fUU

[7] Athlon: Talos BTR 4-14x44 FFP: APLR2 MIL Grid: Reticle at min. and max. magnification:
https://athlonoptics.com/product/rifle-scopes-talos-btr-4-14x44-aplr-ffp-ir-mi

[8] Athlon: Midas TAC 4-16x44 FFP: APRS2 MIL: Reticle at min. and max. magnification:
https://athlonoptics.com/product/midas-tac-4-16x44-mil/

[9] Discovery: HD: 4-20x50 SFIR FFP: Reticle at all magnifications: @ 2:42min:
https://www.youtube.com/watch?v=C1qBt7yg_ek

[10] Monstrum: FFP-G1: 4-14x44: (No. FFPS41444-M): Reticle at min. and max. magnification:
https://web.archive.org/web/20191122043510/https://cdn11.bigcommerce.com/s-r7nbep7374/images/stencil/1280x1280/products/252/2002/MONSTRUM-TACTICAL-4-14X44-FFP-FIRST-FOCAL-PLANE-RIFLE-SCOPE-FFPS-HUNTING-AR-15-LR-3083__95364.1551303891.jpg?c=2

[11] Arken: SH4: 4-14x44 FFP: Reticle at all magnifications: 2:53min:
https://www.youtube.com/watch?v=VpJRPnOOgso

[12] Shepherd: BRS: 4-16x44 FFP: Reticle at min. and max. magnifications:
BRS-MIL Ret.: https://shepherdscopes.com/wp-content/uploads/2020/04/4-16x44-BRS-MIL-Reticle.jpg
Also: https://shepherdscopes.com/wp-content/uploads/2021/03/BRS-4-16-IR-Mil-Instructions.pdf
BRS-MOA Ret.: https://shepherdscopes.com/wp-content/uploads/2020/04/4-16x44-BRS-MOA-Reticle.jpg

[13] Vector: Continental 34mm: 3-18x50: Reticle at min. and max. magnifications:
https://www.vectoroptics.com/data/uploads/2020/06/22/1592831083.jpg

[14] Vector: Continental 34mm: 4-24x56: Reticle at all magnifications: @ 1:27min:
https://www.youtube.com/watch?v=ceLSb2gkmbk
https://www.vectoroptics.com/data/uploads/2020/06/22/1592831142.jpg

[15] Vector: Taurus: 4-24x50 FFP: Reticle at min. and max. magnification: @ 0:37min (play at slowest playback speed, the min. magnification will be shown only for a *split second* – but shows how thin the outside post really are, they are not really "medium":
https://www.youtube.com/watch?v=rZRVuR5-398

[16] Discovery: HD/34mm: 3-18x50 FFP: Reticle at all magnifications: 0:35min:
https://www.youtube.com/watch?v=2PZWxlWHfPc

[17] Vector: Veyron: 4-16x44 FFP: Reticle at all magnifications: @ 3:20min and at @ 17:18min to 18:05min:

https://www.youtube.com/watch?v=gXEKU27mXtQ

[18] Nikko: Diamond FFP: Nikko's *Skeleton HMD* reticle is used in several scopes and it does not have thick outside posts; the double lines used are just as thin as the rest of the reticle. Here is an example of the *Skeleton HMD* reticle, in the Diamond FFP 30mm 6-24x50: Reticle at different magnifications: 6x: @ 13:44min | 16x: @ 14:14min | 24x: 14:31min:
https://www.youtube.com/watch?v=VOy2lWN7N_c

[19] Optisan: EVX 4-16X44F1 (MIL-F1MH16): Reticle at all magnifications: @ 4:36min
https://www.youtube.com/watch?v=K1yoMv-VP2Y

[20] Monstrum: FFP-G3: 4-14x44 No. G3F41444: Reticle at min. and max. magnification:
https://cdn11.bigcommerce.com/s-r7nbep7374/images/stencil/1280x1280/products/454/2468/Type-H-reticle_4-14x44__99131.1570125176.jpg?c=2

[21] Discovery: VT-3: 4-16x50 FFP: Reticle at all magnifications (the operator of the camera sometimes does not achieve to focus the camera on the reticle, but after about a minute he gets it focused even at low magnification): @ 18:13min and 23:38min
https://www.youtube.com/watch?v=5NIOfltFLZc

[22] Swampfox: Kentucky Long: 3-18x50 FFP:
Cf. the other models of this series that have the same six-fold magnification range, resulting in the same ratio of reticle increase/decrease:
Kentucky Long: 5-30x56 FFP: MOA Reticle: Reticle at all magnification: @ 3:16min:
https://www.youtube.com/watch?v=riYsEFSXYyw
and the very similar Swampfox: Kentucky Long: 2-12x44 FFP: MOA: Reticle at 2x and at 12x(?):
https://images-na.ssl-images-amazon.com/images/I/71%2B5YMUAxfL._AC_SL1500_.jpg
https://images-na.ssl-images-amazon.com/images/I/71aX%2BZ5aDFL._AC_SL1500_.jpg

[23] Swampfox: Kentucky Long: 4-24x50 FFP:
Cf. the other models of this series that have the same six-fold magnification range, resulting in the same ratio of reticle increase/decrease:
Swampfox: Kentucky Long: 5-30x56 FFP: MOA Reticle: Reticle at all magnification: @ 3:16min:
https://www.youtube.com/watch?v=riYsEFSXYyw
And also: Swampfox: Kentucky Long: 2-12x44 FFP: MOA: Reticle at 2x and at 12x(?):
https://images-na.ssl-images-amazon.com/images/I/71%2B5YMUAxfL._AC_SL1500_.jpg
https://images-na.ssl-images-amazon.com/images/I/71aX%2BZ5aDFL._AC_SL1500_.jpg

[24] Swampfox: Warhawk: 4-20x50 FFP:
Currently no reticle images of this particular scope. However, cf. the Swampfox Warhawk 5-25x56 FFP: MOA Reticle: at 5x: @ 1:04min (very briefly, use slo-mo, or pause it):
https://www.youtube.com/watch?v=fFh5jleVgxE
Cf. also the same reticle in the Kentucky Long models (several videos available; however the Warhawk has only a five-fold magnification range, as opposed to the Kentucky Long's six-fold, which means the reticle will increase/decrease 17% less).

[25] Swampfox: Warhawk: 3-15x50 FFP:
Currently no reticle images of this particular scope. However, cf. the Swampfox Warhawk 5-25x56 FFP: MOA Reticle: at 5x: @ 1:04min (very briefly, use slo-mo, or pause it):
https://www.youtube.com/watch?v=fFh5jleVgxE
Cf. also the same reticle in the Kentucky Long models (several videos available; however the Warhawk has only a five-fold magnification range, as opposed to the Kentucky Long's six-fold, which means the reticle will increase/decrease 17% less).

[26] Hawke: Frontier 30 FFP: 5-15x50, Mil Pro 15x Reticle [No. 18520]:
No video found so far, however, cf. the link below for the same reticle in an FFP scope (4-20x), however there the reticle has to cover a 5-fold magnification range and thus will be much smaller at the bottom end of the magnification, and much larger at the top end than the present 3-15x scope that only has a 3-fold magnification range.

Hawke: Frontier 30 FFP: 4-20x50, Mil Pro 20x Reticle [No. 18530]c: at 4x to 20x: @ 7:55min | And illuminated at night and during daylight: @ 9:09min:
https://www.youtube.com/watch?v=E9SLP7RiaWg

[27] Hawke: Frontier 30 FFP: 4-20x50, Mil Pro 20x Reticle [No. 18530]: at 4x to 20x: @ 7:55min | And illuminated at night and during daylight: @ 9:09min:
https://www.youtube.com/watch?v=E9SLP7RiaWg

[28] Shepherd: BRS: 3-18x50 FFP: Reticle at min. and max. magnifications:
BRS-MIL Ret.: [not found yet]
BRS-MOA Ret.: https://shepherdscopes.com/wp-content/uploads/2020/04/Reticle_BRS_MOA.jpg
Also: https://shepherdscopes.com/wp-content/uploads/2021/03/BRS-3-18-Instructions.pdf

[29] Element: Helix: 4-16x44 FFP: MIL and MOA Ret.: Reticle at min. and max. magnifications: In the *Manual* on the webpage, pp. 15-16:
https://element-optics.com/wp-content/uploads/2021/07/HELIX-4-16x44-FFP-MANUAL-.pdf

[30] Discovery: ED: 3-15x50 SFIR FFP: Reticle at all magnifications:
@ 3:04min (2018-06): https://www.youtube.com/watch?v=kdlDJIPEUtE
@ 1:04min (2019-01): https://www.youtube.com/watch?v=2fYkPggy_oo

[31] Hawke: Frontier 34 FFP: 3-18x50, Mil Pro Ext. Reticle [No. 18620]: Reticle at all magnifications, illuminated:
@ 2:02min:
https://www.youtube.com/watch?v=3ztmkBiv4lk

[32] Athlon: Ares ETR UHD 3-18x50 FFP:
APRS6 MIL Ret.: Reticle at min. and max. magnification: https://newsite.athlonoptics.com/product/ares-etr-3-18x50-aprs6-ffp-ir-mil-uhd/
APLR6 MOA Ret.: Reticle at min. and max. magnification: https://newsite.athlonoptics.com/product/ares-etr-3-18x50-aplr6-ffp-ir-moa-uhd/

[33] Riton: 7 Conquer: 3-18x50 FFP:
Reticle Subtensions:
T3 MIL Ret.: https://ritonoptics.com/wp-content/uploads/2019/12/7Conquer3-18x50.RitonOptics.ReticleSubtensions.jpg
PSR MIL Ret.: https://ritonoptics.com/wp-content/uploads/2019/12/7-Conquer-3-18x50-PSR-PSR-02.jpg

[34] Element: Titan: 3-18x50 FFP:
MIL APR-2D Ret.: Reticle at all magnifications: @ 14:11min and IR @ 8:17min
https://www.youtube.com/watch?v=NY5K9qED3RU
Reticle at min. and max. magnification: Brochure p. 15:
https://element-optics.com/wp-content/uploads/2022/07/5x7-TITAN-3-18x50-MANUAL_lr.pdf
MOA APR-2D Ret.: Reticle at min. and max. magnification: Brochure p. 16:
https://element-optics.com/wp-content/uploads/2022/07/5x7-TITAN-3-18x50-MANUAL_lr.pdf

[35] Meopta: Optica6: 3-18x56 RD FFP: Reticle Subtensions:
https://www.meoptasportsoptics.com/Aton/FileRepository/aton_file_repository_HtmlEditorRepositoryDoc/Root/Reticles/reticle-MRad1-RD.pdf

[36] Arken: EPL4: 4-16x44 FFP:
MIL VHR: Reticle Subtensions:
https://www.arkenopticsusa.com/_ipx/w_1920,q_100/https%3A%2F%2Fcdn.sanity.io%2Fimages%2Fu57cw5zd%2Fproduction%2Fdaa6661e721237bec2a01cfd12962abab2540216-4005x4005.png%3Fauto%3Dformat?url=https%3A%2F%2Fcdn.sanity.io%2Fimages%2Fu57cw5zd%2Fproduction%2Fdaa6661e721237bec2a01cfd12962abab2540216-4005x4005.png%3Fauto%3Dformat&w=1920&q=100
MOA VHR: Reticle Subtensions:
https://www.arkenopticsusa.com/_ipx/w_1920,q_100/https%3A%2F%2Fcdn.sanity.io%2Fimages%2Fu57cw5zd%2Fproduction%2F3917883977bc6e2f37f55eab92830f303f99d20d-4005x4005.png%3Fauto%3Dformat?url=https%3A%2F%2Fcdn.sanity.io%2Fimages%2Fu57cw5zd%2Fproduction%2F3917883977bc6e2f37f55eab92830f303f99d20d-4005x4005.png%3Fauto%3Dformat&w=1920&q=100

[37] Apex: The Hunter 3-15x44: Reticle at 15x:
https://apexoptics.co/hunter3-15/#reticle