

# Scope Specs Table

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

**Bottom Magni. = 4x or lower**

**Top Magni. = 14x or higher**

**with 10y-Side Parallax**

**Exposed Turrets**

**Holdoff Reticle**

**Under \$500**

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## **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

Side Parallax Adjustment

Turrets = Exposed

Reticle = Holdoff reticle (evenly spaced hash lines or dots for aiming with holdoff/ holdover)

Price = between \$200 and \$500

## **Abbreviations in the Table**

**Green** is a good thing... – e.g.: a very good warranty or FoV, a higher than average top magnification, a larger than average elevation adjustment range, a shorter size or lighter weight than average, an additional feature (bubble level, zero stop, turret turn counter, numbers on the hash lines of the reticle), etc.

**Red** is less of a good thing... – e.g.: a not so great warranty or FoV, a lower than average top magnification, a longer size or heavier weight than average, a small exit pupil (reducing the eye box), or a negative feature (min. parallax more than 10y, capped turrets, higher than the max. price that was set for this scope table), etc.

**Orange** is a caution flag, a marginal feature or characteristic... – e.g.: warranty limitations, a marginal FoV, a smaller than average objective diameter for less light (supposedly), an uneven number of mils or moas per turret turn (not multiples of 5mil or 10moa), a 34mm tube (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

*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

*Price \$ Low* = lowest prices in US dollars I found in 2019 (some 2020) [additional price separated by a *comma* , – and separated by a *semicolon* ; from the manufacturer's price]

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

*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

*FoV* = Field of View (in ft at 100y): 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 target shooting*. The color coding is based on my very personal, unabashedly subjective estimation that *for my kind of hurried close range shooting* I'd like to have a FoV of at least 3ft at 10y (which translates to 30ft @100y in the scope specs, color coded black). The color coding 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.

**42ft or more** | **41-36ft** | 35-30ft | **29-23ft** | **22-17ft** | **16ft or less**

*IR* = illuminated reticle [Y = yes | **NO**]

*Reticle, Ret.:* **D** = "dots" = enough dots or hash lines on the crosshairs for holdoffs

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

**Grid** = the reticle is a grid style ("Christmas tree style"), for simultaneous elevation *and* windage holdoffs

**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

				Magni. → FoV	→ Eye Box	Exposed Turrets			Holdoff Reticle				Dimensions							
*in 2019	Price* \$ Low; Mfctr.'s	War- ranty	Spring- ger- Rated	Magni- fication	FoV = Field of View @ 100y (ft)	Obj. Dia (mm)	Exit Pupil (mm)	IR Y, N	Max. Elev. (MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP Thick O/S Posts? - SFP Calibration at ?	Enough Dots, No's	Line Thick- ness	1" or 30mm Tube	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
				SFP Scopes											at max.					
UTG: Accushot T8 Tactical w/ MOA Reticle <small>No. SCP3-216UMOA</small>	178; 250	Life	Yes!!	2-16x	44-6	44	22- 2.7	Y	??	1/4 inch	18 inch	SMA=	=MOA	SFP 10x	D, N	?	30	22.6 641g	12.4" 32c	Locking Turrets
UTG: Accushot OP3, w/MOA Reticle <small>No. OP3-GM4164UMOA</small>	?; 210	Life	Yes!!	4-14x	26-8	44	11- 3.0	Y	??	1/4 moa	24 moa	MOA=	=MOA	SFP 10x	D, N	?	30	21.5 610g	10.7" 27c	Locking Turrets
UTG: Accushot Premium: Bubble Leveler, w/ MOA Reticle <small>SCP3-UG4165AOIEWB</small>	?; 210	Life	Yes!!	4-16x	24-7	56	14- 3.5	Y	??	1/8 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, w/ HMD Reticle! <small>No. NDSM1650LRHMD</small>	240; ?	Life, O.Own	?	4-16x	32-8	50	?	Y	60	1/4 moa		MOA≠	≠MIL	SFP	D	?	30	27.7 784	13.7" 35c	Locking Turrets
Nikko: C-More X10 Discont. <small>No. NSCM22044</small>	410; ?	Life, O.Own	?	2-20x	47-5	44	22- 2.2  calcu- lated	Y	60	1/4 moa	?	MOA≠	≠MIL	SFP	D	?	30	25.7 730g	13.3" 34c	
MTC: Viper Pro	640; -	Life <sup>300</sup> R. O.Own	Yes (?)	3-18x	42-7?	50	?	Y	73	1/4 moa	42 moa	MOA≠	≠MIL Custom- izable	SFP	D	?	30	30.4 862g	14.8" 38c	Customzbl Turrets "low quality glass" Magnifier Cap
MTC: Viper Pro Tactical	590; -	Life <sup>300</sup> R. O.Own	Yes (?)	3-18x	42-7?	50	?	Y	73	1/4 moa	14 moa	MOA≠	≠MIL	SFP	D	?	30	25.6 725g	14.8" 38c	not customizable, "low quality glass"
Nikko: C-More X10 Discont. <small>No. NSCM33056</small>	507; ?	Life, O.Own		3-30x	31-3	56	18- 1.9  calcu- lated	Y	50	1/8 moa	?	MOA≠	≠MIL	SFP	D	?	30	34.2 970g	15.3" 39c	
Hawke: Airmax 30 SF AMR IR <small>No. 13 310</small>	400; ?	Life, R. O.Own	Yes!!	4-16x	23-6	50	13- 3.0	Y, N	85	1/4 moa	?	MOA≠	≠MIL	SFP	D	?	30	27.5 780g	14.1" 36c	
Riton (US): MOD5 GEN2 Wide FoV <small>No. 019962523861</small>	420; 520	Life, NoRec	?	4-16x	29-8	50	12- 3.1	Y	80	1/4 moa	15 moa	MOA=	=MOA	SFP 16x	D		30	23.0 652g	12.0" 30c	Capped Turrets! BUT Clickable
Sightron: S-TAC <small>No. 793139-260130</small>	300; 390	Life	Yes!!	3-16x	32-6	42	?	N O	70	1/4 moa	15 moa	MOA=	=MOA	SFP 16x	D	.02 <sup>mi</sup> .08 <sup>mo</sup>	30	23.5 666g	12.9" 33c	Capped Turrets! BUT Clickable T Turn Counter
Bushnell: Engage	325; ?	Life, NoRec.		4-16x	28-7	44	?	N O	50	1/4 moa	15 moa	MOA=	=MOA	SFP	D		30	20.1 570g	14.0" 36c	
Aztec: Emerald	400; ?	Life	Yes!!	3-18x	19-4? = Error in the Catalog	50	?	N O	??? (50MOA A for 5.5- 25x50)	1/4 moa	15 moa	MOA=	=MOA	SFP 18x	D	?	30	24.3 690g	13.3" 34c	
Optisan: EVX 4-16X44i (MIL-MH10X)	391; 440	Life	?	4-16x	27-7	44	?	Y	50	0.1 mil	4.8! mil	MIL=	=MIL	SPF	D, (N)		30	25.6 726g	14.3" 36c	T Revolution uneven 4.8 mil!
Hawke: Airmax 30 Compact <small>No. 13 210</small>	339; 380	Life, R. O.Own	Yes! !	4-16x	33-8	44	?	Y	67	0.1 mil	5? mil	MIL=	=MIL	SFP 10x	D	?	30	21.9 621g	11.7" 30c	Capped Turrets! BUT Clickable T Turn Counter
Athlon: Midas BTR *spec.low   Discont.in 2018	250*; 350*	Life, NoRec.	?	2.5- 15x	42-7	50	?	Y	60	0.1mi 1/4mo	6 mil 15mo	MIL=	=MIL MOA=	SFP 15x	D, N	.04 <sup>mi</sup> .14 <sup>mo</sup>	30	26.1 737g	13.8" 35c	
Sightron: S-TAC (the MIL ret. = "IRMH") Discontinued in 2018	745; ?	Life	?	2.5- 17.5x	42-6	56	?	Y	77	0.1mi 1/4 mo	5 mil	MIL=	=MIL MOA=	SFP	D		30	30.6 867g	14.5" 37c	Small (stubby) Parallax Turret T Turn Counter
Sightron: S-TAC: [SFP, MOA] <small>No. 793139-260154</small>	450; ?	Life	?	4-20x	24-4	50	?	N O  (40 wind age)	80	1/4 moa	15 moa	MOA=	=MOA	SFP	D	.5- .1 <sup>mo</sup>	30	23.8 675g	14.8" 38c	Capped Turrets! BUT Clickable T Turn Counter
Vector: Paragon Gen. II <small>No. SCOM-25 SCOM-11 → NO!</small>	?; 360	5y, Rec.	?	3-15x	37-8	50	8- 3.3	Y	85	0.1 mil	8 mil	MIL=	=MIL	SFP	D, N	?	30	22.0 625g	12.2" 34c	
Vector: Continental 30mm Tactical <small>No. SCOL-21T</small>	?; 460	Life, NoRec.	?	3-18x	41-7	50	9- 2.8	Y	70	0.1 mil	8 mil	MIL=	=MIL	SFP 10x	D, N <sup>Ev.</sup> , Grid	?	30	23.8 675g	15.2" 39c	

				Magni.	→ FoV	→ Eye Box			Exposed Turrets			Holdoff Reticule				Dimensions				
*in 2019	Price* \$ Low; Brand: Series	Warranty Mfctr.'s	Springer-Red	Magnification	FoV =Field of View @ 100y (ft)	Obj. Dia (mm)	Exit Pupil (mm)	IR Y, N	Max. Elev. (MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticule in:	FFP Thick O/S Posts? - SFP Calibration at ?	Enough Dots, No's	Line Thickness	1" or 30mm Tube	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
Vector: Continental 30mm Tactical <small>No. SCOL-33T</small>	?; 499	Life, NoRec.	?	4-24x	31-5	50	9-2.1	Y	67	0.1 mil	8 mil	MIL =	=MIL	SFP	D, N, Grid	?	30	23.6 670g	14.6" 37c	Parallax 15y
Hawke: Frontier SF, Ret. MIL PRO <small>No. 18 120</small>	?; 609	Life, R. 0.0wn	Yes!!	3-15x	38-7	44	12-25 Error on Web	Y	70	0.1 mil		MIL =	=MIL	SFP 10x	D, N <sup>Elev</sup> , Grid	?	1"	20.6 584g	13.2" 34c	
FFP Scopes																				
Monstrum: FFP-G2 <small>No. G2-BFFPS41650-M</small>	?; 190	1y, R. 0.0wn	?	4-14x	?	44	?	Y	???	1/4 moa	15 moa	MOA ≠	≠MIL	FFP	D		30	29.0 822g	14.5" 37c	T Turn Counter?? Low Profile Turrets
Monstrum: FFP-G3 <small>No. G3-FFPS41444-R-Parent</small>	?; 240	1y, R. 0.0wn	?	4-14x	?	44	?	Y	???	1/4 moa	15(?) moa	MOA =	=MOA	FFP	D		30	26.0 737g	14.0" 36c	Maybe T Turn Counter
Discovery: HI: 4-14x44 SRF FFP <small>No. 170209</small>	?; 248	3y	?	4-14x	26-8	44	?	N 0	53	0.1 mil	6 mil	MIL =	=MIL	FFP Med. Thick Posts	D, N, Grid	?	30	26.1 742g	13.9" 35c	Mech. Range Finder, Angle Indicator
Discovery: FFP: 4-14x44 SFRLIR-HK <small>No. 170302</small>	185; 210, 285	3y	?	4-14x	27-8	44	?	Y	87	0.1 mil	6 mil	MIL =	=MIL	FFP No Thick Posts	D, a bit weird?	?	30	24.4 693g	13.3" 34c	
Discovery: FFP: 4-14x44 SFRLIR-DC <small>No. 170301</small>	?; 210, 280	3y	?	4-14x	27-8	44	?	Y	87	0.1 mil	6 mil	MIL =	=MIL	FFP Thick O/S Posts	Weird!	?	30	24.4 693g	13.3" 34c	
Discovery: VT-3: 4-16x50 SFAI FFP <small>No. 170601</small>	260; ?	3y	?	4-16x	25-6	50	?	N 0	60	1/4 moa	15 moa	MOA =	=MOA	FFP Thick O/S Posts	D	?	30	26.1 742g	13.9" 35c	Angle Indicator
Monstrum: FFP-G1 <small>No. FFPS41444-M</small>	?; 200	1y, R. 0.0wn	?	4-14x	?	44	?	Y	???	0.1 mil	6 mil	MIL =	=MIL	FFP	D, N		30	26.0 737g	13.0" 33c	T Turn Counter
Sun Optics: FFP Variable Series <small>No. CS41-41444</small>	313; 469	1y	?	4-14x	27-8	44	11-3.2	N 0	???	0.1 mil	???	MIL =	=MIL	FFP	D, N		30	24.0 680g	14" 36c	Turrets a bit ugly!
MTC: Cobra F1	427; -	Life <sup>30d</sup> R. 0.0wn	?	4-16x	27-7	50	?	Y	47	0.1 mil	6 mil	MIL =	=MIL	FFP	D	?	30	29.4 834g	13.5" 34	Parallax 15y Locking Turrets Magnifier in Cap
Discovery: VT-T: 4.5-18x44 SFVF FFP <small>No. ???</small>	?; 230, 310	3y	?	4.5-18x	25-7	44	?	N 0	60	0.1 mil	6 mil	MIL =	=MIL	FFP Thick O/S Posts	D, N	?	30	26.5 750g	14.2" 36c	W/ Scope Phone Adaptor
Discovery: VT-T: 4-16x50 SFVF FFP <small>No. 170501</small>	260; 350	3y	?	4-16x	25-6	50	?	N 0	60	0.1 mil	6 mil	MIL =	=MIL	FFP Thick O/S Posts	D, N	?	30	26.1 740g	14.8" 38c	W/ Scope Phone Adaptor
Discovery: VT-T: 3-18x50 SFVF <small>No. 170504</small>	240;	3y	?	3-18x	40-7	50	?	N 0	60	0.1 mil	6 mil	MIL =	=MIL	FFP Thick O/S Posts	D, N	?	30	26.2 740g	14.8" 38c	W/ Scope Phone Adaptor
Discovery: VT-3: 4-16x44 SF <small>No. 170611</small>	193; 280	3y	?	4-16x	26-7	44	10-2.8	N 0	60	0.1 mil	6 mil	MIL =	=MIL	FFP Thick O/S Posts	D	?	30	19.4 550g	10.6" 27c	Locking Turrets
Discovery: HI: 4-14x44 SF FFP <small>No. 170209</small>	?; 248, 330	3y	?	4-14x	26-8	44	?	N 0	53	0.1 mil	6 mil	MIL =	=MIL	FFP Med. Thick Posts	D, N, Grid	?	30	26.5 750g	13.0" 33c	Angle Indicator!   Turret to calculate Range!
Nikko: Diamond FFP 30 •w/ PRR Ret. <small>No. NSFFP41644PRR</small> •w/ Skeleton HMD Ret. <small>No. NSFFP41644HMD</small>	275; ?	Life, 0.0wn	?	4-16x	27-7	44		Y	60	0.1 mil		MIL =	=MIL	FFP	D, N D, -	.05 <sup>mi</sup> .17 <sup>mo</sup>	30	21.9 620g	13.4" 34c	Locking Turrets
Primary Arms (US): Silver Series •w/ R-Grid 2B Ret. <small>No. 610090</small> •w/ MIL-DOT Ret. <small>No. 610091</small> •w/ ARC-2-MOA Ret. <small>No. 610089</small>	280 Mfc 230 Mfc 250 Mfc	3y	?	4-14x	27-8	44	11-3.3	Y	60	0.1mi 0.1mi 1/4mo	6 mil 6 mil 12moa	MIL = MIL = MOA =	=MIL =MIL =MOA	FFP <sup>4</sup> Thick O/S Posts: •No •Yes •Yes	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 1/4mo	5 mil 15mo	MIL = MOA =	=MIL =MOA	FFP <sup>2</sup> Thick O/S Posts	D, N		30	25.6 726g	13.0" 33c	T Turn Counter
Discovery: HD: 4-20x50 SFIR <small>No. 170105</small>	200; 300	3y	?	4-20x	24-5	50	?	Y	60	0.1 mil	6 mil	MIL =	=MIL	FFP No Thick Posts	D, N	.05 <sup>mi</sup> .17 <sup>mo</sup>	30	28.1 795g	13.4" 34c	Locking Turrets
Discovery: HD/34mm 4-24x50 SFIR <small>No. 170109</small>	330; 350	3y	?	4-24x	27-5	50	12-2.1 calculated	Y	85	0.1 mil	6 mil	MIL =	=MIL	FFP No Thick Posts	D, N, Grid	.05 <sup>mi</sup> .17 <sup>mo</sup>	34	23.7 776g	14.7" 37c	Parallax is 10y. Locking Turrets

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*in 2019	Price* \$ Low; Brand: Series	Warranty Mfctr.'s	Springer-Red	Magnification	FoV = Field of View @ 100y (ft)	Obj. Dia (mm)	Exit Pupil (mm)	IR N/A	Max. Elev. (MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP Thick O/S Posts? - SFP Calibration at ?	Enough Dots, No's	Line Thickness	1" or 30mm Tube	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
Discovery: ED: 4-16x50 SF <small>No. 171103</small>	360; ?	Life (for ED)	?	4-16x	31-8	50	10-3.1	N 80	0.1 mil	6 mil	MIL =	=MIL	FFP Thick O/S Posts	D, N, Grid	?	30	22.1 625g	12.2" 31c	Locking Turrets	
Vector: Tourex <small>No. SCFF-24</small>	?; 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 Ret. <small>No. NSFFP3441644</small> •w/ Skeleton HMD Ret. <small>No. NSFFP3441644</small>	320; ?	Life, 0.0own	?	4-16x	27-7	44		Y 115	0.1 mil	6 mil	MIL =	=MIL	FFP	D, N, D, -	.05 <sup>mi</sup> .17 <sup>mo</sup>	34	24.0 680g	13.4" 34c	Locking turrets	
Vector: Taurus <small>No. SCFF-11</small>	360; 400	Life, NoRec.	?	3-18x	33-6	50	16-2.7	Y 60	0.1 mil	6 mil	MIL =	=MIL	FFP <sup>1</sup> No Thick Posts	D, N	?	30	26.5 750g	13.2" 34c	Parallax says 15y, but is 10y	
Discovery: HD/34mm: 3-18x50 SFIR <small>No. 170108</small>	312; ?	3y	?	3-18x	37-6	50	? Y	82	0.1 mil	6 mil	MIL =	=MIL	FFP Med. Thick Posts	D, N	.05 <sup>mi</sup> .17 <sup>mo</sup>	34	26.5 748g	13.3" 34c	Parallax is 10y. Locking Turrets	
Optisan: EVX4-16X44F1 (MIL-F1MH16)	490; 550	Life	?	4-16x	27-7	44	11-2.7	N 50	0.1 mil	5 mil	MIL =	=MIL	FFP	D, (N)		30	24.0 680g	14.2" 36c		
Athlon: Talos BTR <small>No. 215028</small>	290; 360	Life, NoRec.	Yes!!	4-14x	27-8	44	11-3.3	Y 67	0.1 mil	5 mil	MIL =	=MIL	FFP <sup>7</sup> Thick O/S Posts	D, N	.025 <sup>mi</sup> .08 <sup>mo</sup>	30	23.6 669g	12.9" 33c		
Primary Arms (US): Silver Series: •w/ Apollo 6.5CM Reticle	500; ?	Life	?	3-18x	37-6	50	16-2.7	Y 48	0.1mi ¼mo	7 mil	MIL =	=MIL MOA =	FFP <sup>3</sup> Thick O/S Posts	D, N		30	25.5 720g	13.2" 34c	Parallax 15y✓ Locking Turrets	
Arken: SH4 <small>N o. SH4-4141</small>	?; 350	Life		4-14x	26-8	44	? N 76 (34 wind age)	0.1 mil	5mil	MIL =	=MIL	FFP	D, N			30	21.0 595g	13.0" 33c	Zero stop	
SWFA: 30mm series "Turrets + scope very tough."	550; 700	Life, NoRec	Yes (?)	3-15x	35-7	42	11-2.8	N 120 or 140	0.1mi ¼mo	5 mil 15mo	MIL = or	=MIL or MOA =	FFP	D, - or D, N		30	24.1 680g	13.7" 35c	T Turn Counter Tough! Turrets a bit ugly. Min. Parall. 7y	
Hawke: Sidewinder SF FFP <small>No. 17 410</small>	480; 579	Life, R. 0.0own	Yes	4-16x	23-6	50	13-3.0	Y 83	0.1 mil	6 mil	MIL =	=MIL	FFP <sup>5</sup> No Thick Posts	D	?	30	28.7 810g	14.4" 37c		
Hawke: Airmax 30 FFP SF <small>No. 13 350</small>	?; 569	Life, R. 0.0own	Yes!!	4-16x	32-8	50	12-3.1	Y 70	0.1 mil		MIL =	=MIL	FFP <sup>6</sup> w/ odd spacing	D	?	30	26.6 755g	13.7" 35c	Capped Turrets! BUT Clickable	
Discovery: ED: 3-15x50 SFIR <small>No. 171101</small>	382; ?	Life (for ED)	Yes ?	3-15x	31-7	50	15-3.0	Y 90 or 100	0.1 mil	? some were messed up	MIL =	=MIL	FFP Thick O/S Posts	D, N, Grid	?	30	30.4 859g	14.6" 37c	Locking Turrets 4 screws to re-zero	
Vector: Taurus <small>No. SCFF-17</small>	300; 430	Life, NoRec.	?	4-24x	27-4	50	12-2.1	Y 50	0.1 mil	6 mil	MIL =	=MIL	FFP	D, N	?	30	27.1 770g	15.0" 38c	Parallax says 15y, but is 10y. Locking turrets. 2 extra elev. turrets	
Sightron: S-TAC: [FFP, MIL] <small>No. 793139-260161</small>	660; ?	Life	?	4-20x	22-4	50	? Y 80 (40 wind age)	0.1 mil	5 mil	MIL =	=MIL	FFP	D, N	.035 <sup>mi</sup> .12 <sup>mo</sup>		30	25.6 725g	15.0" 38c	T Turn Counter Zero Stop	
Hawke: Vantage 30 WA FFP <small>No. 14 300</small>	? ; 469	Life, R. 0.0own		4-16x	33-8	50	12-3.1	Y 86	0.1 mil		MIL =	=MIL	FFP	D	?	30	26.3 745g	13.7" 35c		
Athlon: Midas TAC <small>No. 213070</small>	590; 737	Life, NoRec.	?	4-16x	28-7	44	11-1.8	Y 100	0.1 mil	10 mil	MIL =	=MIL	FFP <sup>8</sup> Thick O/S Posts	D, N	.04 <sup>mi</sup> .14 <sup>mo</sup>	30	23.8 669g	12.9" 33c	Zero Stop	
Shepherd: BRS: •w/ BRS-MIL Ret. •w/ BRS-MOA Reticle	499; 549	Life, 0.0own	?	4-16x	25-7	44	? Y	65	0.1 mil	6 <sup>2</sup> mil 15mo	MIL =	=MIL MOA =	FFP	D, N <sup>Elev.</sup>	?	30	23.0 670g	13.8" 35c	Locking Turrets	
Swampfox (US): Kentucky Long	428; 529	Life (50000 rounds)		3-18x	35-6	50	11-2.2	Y 110	0.1mi ¼mo	6 mi 15mo	MIL = or	=MIL or MOA =	FFP	D, N, Grid	?	30	28.2 800g	14.8" 38c	Locking Turrets	
Hi-Lux (US): PentaLux TAC-VF 4-20x50 FFP G2	?; 575	Life, Rec.	No	4-20x	28-6	50	12-2.5	Y 80	0.1 mil	12 mil	MIL =	=MIL	FFP	D, N	?	30	27.9 791g	14.7" 37c		
Falcon (UK): S18i FFP *343\$ at SWFA 12%	343, 380; -	10y, 0.0own	Yes!!	3-18x	39-7	50	16-2.8 calculated	Y 90 Mine travels 105 total	0.1 mil	10 mil	MIL =	=MIL	FFP <sup>6</sup> Thick O/S Posts	D, N	.04 <sup>mi</sup> .14 <sup>mo</sup>	30	31.1 882g	14.6" 37c	T Turn Counter	
Swampfox (US): Kentucky Long	458; 569	Life (50000 rounds)		4-24x	31-5	50	11-2.0	Y 90	0.1mi ¼mo	6 mi 15mo	MIL = or	=MIL or MOA =	FFP	D, N, Grid	?	30	28.2 800g	15.1" 38c	Locking Turrets	

					Magni. → FoV → Eye Box				Exposed Turrets				Holdoff Reticle				Dimensions				
*in 2019	Price* \$ Low; Mfctr.'s	War- ranty	Sprin- ger- Ratd	Magni- fication	FoV =Field of View @ 100y (ft)	Obj. ∅ Dia (mm)	Exit Pupil (mm)	IR Y. N	Max. Elev. Admt (MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP Thick O/S Posts? - SFP Calibration at ?	Enough Dots, No's	Line Thick- ness	1" or 30 mm Tube	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"	
Vector: Continental 34mm No. SCRR-28	?; 800	Life, NoRec.		3-18x	41-7	56 2.8	8- 2.8	Y	146	0.1 mil	10 mil	MIL =	=MIL	FFP	D, N, Grid		34	28.9 820g	13.3" 34c	Zero Stop Locking Turrets	
Vector: Continental 34mm No. SCFF-29	?; 850	Life, NoRec.		4-24x	31-5	56 2.3	8- 2.3	Y	113	0.1 mil	10 mil	MIL =	=MIL	FFP	D, N, Grid		34	27.5 780g	14.3" 36c	Zero Stop Locking Turrets	
Brand: Series	Part No.	Price \$ Low; Mfctr.'s	War- ranty	Sprin- ger- Ratd	Magni- fication	FoV= Field of View @ 100y (ft)	Obj. ∅ Dia (mm)	Exit Pupil (mm)	IR Y. N	Max. Elev. Admt (MOA)	1 click =	1 T. Turn =	Turrets in:	Reticle in:	FFP Thick O/S Posts? - SFP (Calibration)	Enough Dots, No's	Line Thick- ness	1" or 30mm Tube	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
					Magni. → FoV → Eye Box				Exposed Turrets				Holdoff Reticle								

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

<sup>1</sup> Vector: Taurus: 3-18x50 FFP: Reticle at all magnifications: @ 7:59min:

<https://www.youtube.com/watch?v=SOOdqEcXgU4>

<sup>2</sup> 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 FFP – the 4-14x44 FFP 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/>

<sup>3</sup> Primary Arms: Silver Series: 3-18x50 FFP: Apollo 6.5CM MIL Grid reticle:

<https://www.primaryarms.com/pa-3-18x50mm-illuminated-ffp-rifle-scope-with-acss-apollo-6-5cm-reticle>

<sup>4</sup> 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-pa4-14x44>
- ARC-2-MOA reticle: <https://www.primaryarms.com/primary-arms-4-14x44mm-ffp-riflescope-arc-2-moa-reticle>

<sup>5</sup> Hawke: Sidewinder SF FFP [No. 17 410]: Reticle at min. and max. magnification:

<https://us.hawkeoptics.com/sidewinder-30-sf-ffp-riflescopes.html>

<sup>6</sup> Falcon: S18i 3-18x50 FFP: Reticle at all magnifications: @ 2:06min:

<https://www.youtube.com/watch?v=RGmnOFp2fUU>

<sup>7</sup> 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-mil>

<sup>8</sup> Athlon: Midas TAC 4-16x44 FFP: APRS2 MIL: Reticle at min. and max. magnification:

<https://athlonoptics.com/product/midas-tac-4-16x44-mil/>