

# Scope Specs Table

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

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

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

**with 10y-Side Parallax**

**Exposed Turrets**

**Holdoff Reticle**

**Under \$500**

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## Requirements for this Table

Bottom end magnification = 4x or lower

Top end magnification = 14x or higher

Minimum Parallax = 10 yards or less

Turrets = Exposed

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

## Abbreviations in the Table

**Green** is a good thing... – e.g.: a very good warranty, a wider than average FoV, a higher than average top magnification, a shorter size or lighter weight than average, an additional feature (bubble level, 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, a narrower than average FoV, a lower than average top magnification, a longer size or heavier weight than average, or a negative feature (min. parallax more than 10y, capped turrets, 34mm tube [limiting scope mount choices], 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 smaller than usual objective diameter for less light (supposedly), an uneven number of mils or moas per turret turn [not multiples of 5], lower than the minimum price that was set for this scope table, etc.

*Price \$ Low* = Lowest price in US dollars I found in 2019

*Price Mfctr. 's* = manufacturer's price

*IR* = illuminated reticle

*BDC* = bullet drop compensating reticle, thus not suitable to using holdoffs with an airgun

*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

*Warranty Info:* *Life* = life time warranty | *10y* = 10 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

*in 2019	Price* \$ Low /// Mfctr.'s	Warranty	Spring- Relat	Magnification	FoV =Field of View @ 100y (ft)	Obj. Ø Dia (mm)	Exit Pupil (mm) → R	Obj. Eyebox	Elev. Adjust- ment Range (in MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP- SFP (Cal- ibration)	Enough Dots, No's	1" or 30 mm	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
Brand: Series      Part No.																			
Vector: Tourex      No. SCFF-24	260	5y		4-16x	25-6	44	11-2.75	✓	60	0.1 mil	6 mil	MOA =	=MOA	FFP	D, ≈N	30	23.5 665g	14.0" 36c	
Vector: Taurus      No. SCFF-11	360 400	5y		3-18x	33-6	50	16.6-2.7	✓	60	0.1 mil	6 mil	MIL =	=MIL	FFP	D, N	30	26.5 750g	12.2" 34c	Parallax says 15y, but is 10y.
Vector: Paragon Gen. II No. SCOM-25 ≠ Gen. I      No. SCOM-11 → NO!	360	5y		3-15x	37-8	50	8-3.3	✓	85	0.1 mil	8 mil	MIL =	=MIL	SFP	D, N	30	22.0 625g	12.2" 34c	
Vector: Continental      No. SCOL-21T	460	5y		3-18x	41-7	50	9-2.8	✓	70	0.1 mil	8 mil	MIL =	=MIL	SFP	D, N <sup>Elev.</sup> , Grid	30	23.8 675g	15.2" 39c	
UTG: Accushot T8 Tactical: MOA Reticle      No. SCP3-216UMOA	178 230	Life	✓✓	2-16x	44-6	44	22-2.7	✓	???	¼ moa	18 moa	MOA =	=MOA	SFP 10x	D, N	30	22.6 641g	12.4" 32c	Should state "glass etched reticle"
UTG: Accushot OP3 No. OP3-GM4164UMOA	210	Life	✓✓	4-14x	26-8	44	11-3.0	✓	???	¼ moa	24 moa	MOA =	=MOA	SFP 10x	D, N	30	21.5 610g	10.7" 27c	Should state "glass etched reticle"!
UTG: Accushot Premium: Bubble Leveler: MOA Reticle      SCP3-UG4165AOIEWB	230	Life	✓✓	4-16x	24-7	56	14-3.5	✓	???	⅛ moa	16? moa	MOA ≠	≠MIL	SFP 10x	D	30	31.7 899g	16.0" 41c	T Turn Counter Bubble Level
Konus: F30	415	Life, Details?	✓?	4-16x	23-6	52	12.5-3.1	✓	67	0.1 mil	?	MOA ≠	None	FFP	None	30	27.6 780g	14.3" 37c	Large Parallax T. Bubble Level
Nikko Stirling: C-More X10	410	Life, O.Own	?	2-20x	47-5	44	22-2.2 calculated	✓	60	¼ moa	?	MOA ≠	≠MIL	SFP	D	30	25.7 730g	13.3" 34c	
MTC: Viper Pro	640	Life <sup>300</sup> R. O.Own	✓ (?)	3-18x	?	50	?	✓	73	¼ moa	42 moa	MOA ≠	≠MIL	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	✓ (?)	3-18x	?	50	?	✓	73	¼ moa	14 moa	MOA ≠	≠MIL	SFP	D	30	25.6 725g	14.8" 38c	not customizable, "low quality glass"
Nikko Stirling: C-More X10	507	Life, O.Own		3-30x	31-3	56	18.7-1.9 calculated	✓	50	⅛ moa	?	MOA ≠	≠MIL	SFP	D	30	34.2 970g	15.3" 39c	
Hawke: Airmax 30 SF AMR IR	400	Life, O.Own	✓✓	4-16x	23-6	50	13-3.0	✓	85	¼ moa	?	MOA ≠	≠MIL	SFP	D	30	27.5 780g	14.1" 36c	
Aeon: AO Classic, Careful to Not Select the Trajectory Reticle (BDC)	237	Life, Unitd.		3-18x	34-6	50	?	N O	100	¼ moa	15 moa	MIL =	Depends	SFP	Depends	30	26.1 737g	13.8" 35c	
Riton: MOD5 GEN2 Wide FoV No. 019962523861	420 520	Life, Anyb., NoRec	?	4-16x	29-8	50	12.5-3.1	✓	80	¼ moa	15 moa	MOA =	=MOA	SFP 16x	D	30	23.0 652g	12.0" 30c	Capped Turrets! BUT Clickable
Sightron: S-TAC 30MM No. 793139-260130	300 390	Life	✓✓	3-16x	32-6	42	?	N O	70	¼ moa	15 moa	MOA =	=MOA	SFP 16x	D	30	23.5 666g	12.9" 33c	Capped Turrets! BUT Clickable T Turn Counter
Bushnell: Engage	325	LifeNoR. Anyb.		4-16x	28-7	44	?	N O	50	¼ moa	15 moa	MOA =	=MOA	SFP	D	30	20.1 570g	14.0" 36c	
Aztec: Emerald	400	Life, Anyb.?	✓✓ (?)	3-18x	19-4? = Error in the Catalog	50	?	N O	???	¼ moa	15 moa	MOA =	=MOA	SFP	D	30	24.3 690g	13.3" 34c	
Optisan: EVX 4-16X44i (MIL-MH10X)	391 440	Life	?	4-16x	27-7	44	?	✓	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 SF Compact      No. 13210	339 380	Life, O.Own	✓	4-16x	33-8	44	?	✓	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 *special prices, reg. much higher Discontinued in 2018	250* 350*	Life, Anyb., NoRec	?	25-15x	42-7	50	?	✓	60	0.1mil or ¼mo	6 mil or 15mo	MIL = or MOA =	=MIL or =MOA	SFP 15x	D, N	30	26.1 737g	13.8" 35c	
Sightron: S-TAC MIL Reticle = IRMH	745	Life	?	25-17x	42-6	56	?	✓	77	0.1mil or ¼ mo	5 mil	MIL = or MOA =	=MIL or =MOA	SFP	D	30	30.6 867g	14.5" 37c	Small (stubby) Parallax Turret T Turn Counter
Monstrum: FFP-G2 No. G2-BFFPS41650-M	190	1y, R. O.Own	?	4-14x	?	44	?	✓	???	¼ moa	15 moa	MOA ≠	≠MIL	FFP	D	30	29.0 822g	14.5" 37c	Maybe T Turn Counter. Low Profile Turrets
Monstrum: FFP-G3 No. G3-FFPS41444-R-Parent	240	1y, R. O.Own	?	4-14x	?	44	?	✓	???	¼ moa	15(?) moa	MOA =	=MOA	FFP	D	30	26.0 737g	14.0" 36c	Maybe T Turn Counter
Discovery: FFP: 4-14x44 SFRLIR-HK      No. 170302	185 285	3y	?	4-14x	???	44	?	✓	87	0.1 mil	6 mil	MIL	MIL	FFP	D, a bit weird?	30	24.4 693g	13.3" 34c	

				Magn. → FoV	Obj. → Eye Box	Exposed Turrets			Holdoff Reticle			Dimensions							
*in 2019	Price* \$ Low /// Mfctr.'s	War- ranty	Spring- Ret'd	Magni- fication	FoV= Field of View @ 100y (ft)	Obj. Dia (mm)	Exit Pupil (mm) → R	I	Elev. Adjust- ment Range (in MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP- SEP (cali- bration)	Enough Dots, No's	1" or 30 mm	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
Discovery: FFP: 4-14x44 SFRLIR-DC No. 170301	? 280	3y	?	4-14x	???	44	?	✓	87	0.1 mil	6 mil	MIL	MIL	FFP	No Picture!	30	24.4 693g	13.3" 34c	
Discovery: VT-3: 4-16x50 SFAI FFP No. 170601	260	3y	?	4-16x	25-6	50	?	N O	60	¼ moa	15 moa	MOA=	=MOA	FFP	D	30	26.1 742g	13.9" 35c	Angle Indicator
Monstrum: FFP-G1 No. FFPS41444-M	200	1y, R. 0.Own	?	4-14x	?	44	?	✓	???	0.1 mil	6 mil	MIL=	= MIL	FFP	D, N	30	26.0 737g	13.0" 33c	T Turn Counter
Sun Optics: First Focal Plane Variable Series No. CS41-41444	313 469	1y	✓?	4-14x	27-8	44	11-3.2	N O	???	0.1 mil	???	MIL	MIL	FFP	D, N	30	24.0 680g	14" 36c	Turrets a bit ugly!
Discovery: VT-T: 4-16x50 SFVF FFP No. 170501	260 350	3y	?	4-16x	25-6	50	?	N O	60	0.1 mil	6 mil	MIL=	=MIL	FFP	D, N	30	26.1 740g	14.8" 38c	W/ Scope Phone Adaptor
Discovery: VT-T: 3-18x50 SFVF No. 170504	240	3y	?	3-18x	40-7	50	?	N O	60	0.1 mil	6 mil	MIL=	=MIL	FFP	D, N	30	26.2 740g	14.8" 38c	W/ Scope Phone Adaptor
Discovery: VT-3: 4-16x44 SF No. ?????????? Came out in May19	193 280	3y	?	4-16x	26-7	44	10-2.8	N O	60	0.1 mil	6 mil	MIL=	=MIL	FFP	D	30	19.4 550g	10.6" 27c	
Discovery: HI: 4-14x44 SF FFP No. 170209	330	3y	✓?	4-14x	26-8	44	?	N O	53	0.1 mil	6 mil	MIL=	= MIL	FFP	D, N, Grid	30	26.5 750g	13.0" 33c	Angle Indicator!   Turret to calcu- late Range!
Primary Arms: Silver Series •R-Grid 2B reticle No. 610090 → 280 Mfc •MIL-DOT reticle No. 610091 → 230 Mfc •ARC-2-MOA reticle No. 610089 → 250 Mfc		3y	?	4-14x	27-8	44	11.2-3.3	✓	60	0.1mil 0.1mil ¼mo	6 mil 6 mil 12moa	MIL=	=MIL	FFP	D, N, Grid. D. D, (N)	30	25.2 714g	13.0" 33c	T Turn Counter
Blackhound: 4-14x44 FFP	300	Life, Anyb.	?	4-14x	27-8	44	?	✓	70	0.1mil or ¼mo	5 mil or 15mo	MIL=	=MIL or =MOA	FFP	D, N	30	25.6 726g	13.0" 33c	T Turn Counter
Vector: Taurus No. SCFF-17	300 430	5y	?	4-24x	27-4	50	12.5-2.1	✓	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.
Discovery: HD: 4-20x50 SFIR No. 170105	200 300	3y	?	4-20x	24-5	50	?	✓	60	0.1 mil	6 mil	MIL=	=MIL	FFP	D, N	30	28.1 795g	13.4" 34c	
Discovery: HD: 4-24x50 SFIR No. 170109	390	3y	✓?	4-24x	27-5	50	12.5-2.1 calculated	✓	83	0.1 mil	6 mil	MIL=	=MIL	FFP	D, N	34	23.7 776g	14.7" 37c	Parallax 15y??
Discovery: ED: 4-16x50 SF No. 171103	360	Life (for ED)	✓?	4-16x	31-8	50	10.0-3.1	N O	80	0.1 mil	6 mil	MIL=	=MIL	FFP	D, N	30	22.1 625g	12.2" 31c	
Vector: Taurus FFP	400	5y	?	3-18x	33-6	50	?	✓	60	0.1 mil	6 mil	MIL=	=MIL	FFP	D, N	30	26.5 750g	13.4" 34c	Parallax says 15y, but is 10y
Discovery: HD/34mm: 3-18x50 SFIR FFP No. 170108	312	3y	✓?	3-18x	37-6	50	?	✓	50	0.1 mil	6 mil	MIL=	=MIL	FFP	D, N	34	26.5 748g	13.3" 34c	Parallax says 15y, but is 10y
Optisan: EVX 4-16X44F1 (MIL-F1MH16)	490 550	Life	?	4-16x	27-7	44	11-2.7	N O	50	0.1 mil	5 mil	MIL=	=MIL	FFP	D, (N)	30	24.0 680g	14.2" 36c	
Athlon: Talos BTR No. 215028	290 360	Life, Anyb., NoRec	✓	4-14x	27-8	44	11.2-3.3	✓	67	0.1 mil	5 mil	MIL=	=MIL	FFP	D, N	30	23.6 669g	12.9" 33c	
Primary Arms	500	Life	?	3-18x	37-6	50	16.2-2.7	✓	48	0.1 or ¼	7 mil	MIL=or MOA=	=MIL or =MOA	FFP	D, N	30	25.5 720g	13.2" 34c	Parallax 15y✓ Locking T
Arken: SH4 No. SH4-4141	? 350	Life		4-14x	26-8	44	?	N O	76 (34 windage)	0.1 mil	5mil	MIL=	= MIL	FFP	D, N	30	21.0 595	13.0" 33c	Zero stop
SWFA: 30mm series "Turrets and scope very tough."	700 550 Demo	Life, NoRec	✓ (?)	3-15x	35-7	42	11.8-2.8	N O	120 140	0.1mil or ¼ moa	5 mil or 15moa	MIL=or MOA=	=MIL or =MOA	FFP	D, - or D, N	30	24.1 680g	13.7" 35c	T Turn Counter Turrets a bit ugly
Hawke: Sidewinder FFP [≠ SFI]	480	Life, 0.Own	✓	4-16x	23-6	50	13-3.0	✓	83	0.1 mil	6 mil	MIL	MIL	FFP	D	30	28.7 810g	14.4" 37c	
Discovery: ED: 3-15x50 SFIR No. 171101	382	Life (for ED)	✓?	3-15x	31-7	50	15.0-3.0	✓	86	0.1 mil	6 mil	MIL=	=MIL	FFP	D, N	30	30.4 859g	14.6" 37c	
Falcon: S18i FFP *at SWFA 12%; **Demo product	343* 300** 380	10y, 0.Own	✓ (?)	3-18x	43-7	50	16.7-2.8 calculated	✓	90. Mine travels 105 total	0.1 mil	10 mil	MIL=	=MIL	FFP	D, N	30	31.1 882g	14.6" 37c	T Turn Counter
Brand: Series	Price \$ Low /// Mfctr.'s	War- ranty	Spring- Ret'd	Magni- fication	FoV= Field of View @ 100y (ft)	Obj. Dia (mm)	Exit Pupil (mm) → R	I	Elev. Adjust- ment Range (MOA)	1 click =	1 T. Turn =	Turrets in:	Reticle in:	FFP? (First Focal Plane)	Enough Dots, No's	1" or 30 mm	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
				Magn. → FoV		Obj. → Eye Box			Turrets				Reticle						