



MARCOOL





COMPANY PROFILE

Marcool Optics was founded in 2000 by a soldier who noticed the limited variety and poor quality of scopes during his military service. The brand name signifies “Magnificent Accuracy, Reliability, and Cool design.” Marcool’s mission is to make high-performance scopes accessible to users worldwide, with a vision to serve every customer and create even higher-performing products.

We bring together top international skills and expertise to create the very best optics money can buy. We provide the sporting, hunting and competition rifle industry with top quality products, designed to be compatible with both airguns and firearms.

As the decade experienced manufacturer, we own and operate high-precision CNC machining, lens coating and polishing equipment, and some of the best testing equipment available. R&D teams are responsible for ensuring that our rifle scopes remain on the cutting edge of optical engineering, and will not fail under extreme conditions.

The letters 'MAR' are rendered in a large, bold, white sans-serif font. They are semi-transparent, allowing the background image of a city skyline at night to be visible through them. The city lights and buildings are reflected in the water in the foreground. The overall scene is dark, with the city lights providing a warm contrast to the cool tones of the night sky and water.

 Advanced Instruments

 Excellent Quality

 Service Guarantee

 Widely Marketed

COOL



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ASSAILANT SERIES



INTRODUCTION

- ▶ Reliable scopes with great quality at a fair price.
- ▶ Easy-to-use push-pull turrets with lock and reset function.
- ▶ Wire reticle – ideal for PCP airguns and small calibers like .22LR. Tested to handle higher recoil guns.
- ▶ Clear view with adjustable diopter and front parallax.

ASSAILANT FFP, 30MM Scope

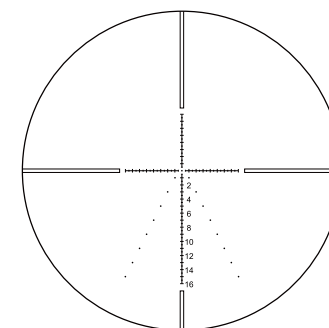


-HY1629



-HY1630

RETICLE



MAR-156

SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Total travel (@ 100 yds)	Parallax compensation	Length
HY1629	4-16x44	30mm	4-16x	MAR-156	FMC	44mm	2.75-11	96mm	1/10 MIL	≥ 50MOA	15yds-∞	315mm
HY1630	6-24x50	30mm	6-24x	MAR-156	FMC	50mm	2.33-8.33	101.2mm	1/10 MIL	≥ 50MOA	8yds-∞	350mm

ASSAILANT FFP IR,30MM Scope

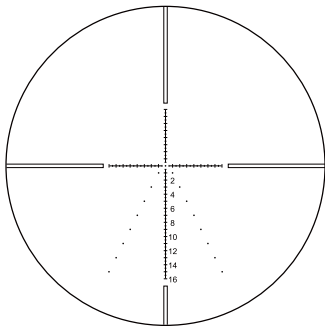


-HY1709-1

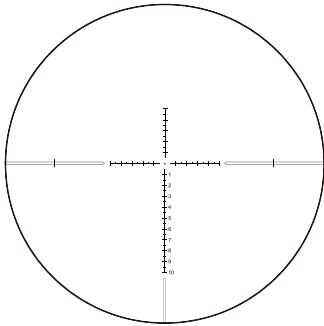


-HY1637

RETICLE



MAR-156



MAR-185

SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Total travel (@ 100 yds)	Parallax compensation	Length
HY1709-1	4-16x44	30mm	4-16x	MAR-156	FMC	44mm	2.75-11	96mm	1/10 MIL	≥ 50MOA	15yds-∞	315mm
HY1637	5.5-25x50	30mm	5.5-25x	MAR-185	FMC	50mm	2.24-9.09	101.2mm	1/10 MIL	≥ 50MOA	8yds-∞	350mm

ASSAILANT FFP IR,30MM Scope



-HY1649

RETICLE



MAR-189

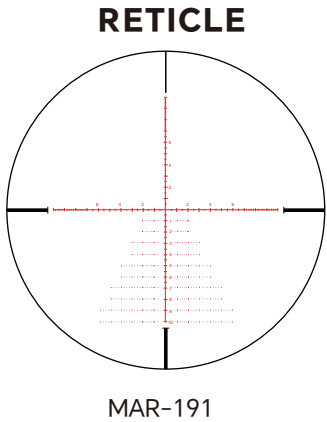
SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Movement Range (MOA)	Parallax compensation	Length
HY1649	4.5-18x44	30mm	4.5-18x	MAR-189	FMC	44mm	2.4-9.8mm	145-95mm	1/10 MIL	+/-45MOA	25-600yd	312mm

ASSAILANT SFP IR,30MM Scope



-HY1631 / HY1632



SPECS

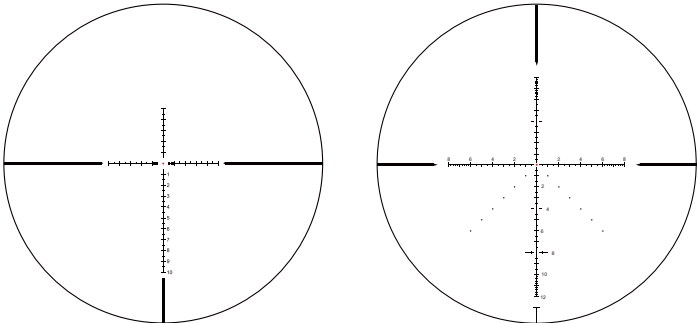
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HY1632	3-15x44	30mm	3-15x	MAR-191	FMC	44mm	2.8-12.67	101.2mm	1/10 MIL	≥ 50MOA	25yds-∞	325mm
HY1631	4-20x50	30mm	4-20x	MAR-191	FMC	50mm	2.46-10.5	101.2mm	1/10 MIL	≥ 50MOA	15yds-∞	350mm

ASSAILANT SFP IR,30MM Scope



-HY1633 / HY1648

RETICLE



MAR-172

MAR-186

SPECS

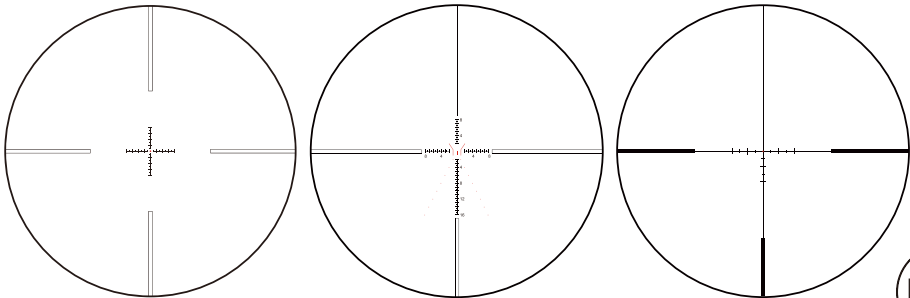
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HY1633	4-16x44	30mm	4-16x	MAR-172	FMC	44mm	2.75-11	101.2mm	1/10 MIL	≥ 50MOA	15yds-∞	312mm
HY1648	4.5-18x44	30mm	4.5-18x	MAR-186	FMC	44mm	2.68-11.65	101.2mm	1/10 MIL	≥ 50MOA	20yds-∞	312mm

ASSAILANT SFP,LPVO,30MM,Short Compact Scope



-HY1503 / HY1507 / HY1517

RETICLE



MAR-127

MAR-154

MAR-192



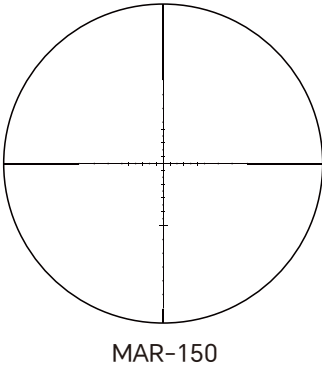
SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Total travel (@ 100 yds)	Parallax compensation	Length
HY1503	1-6x24	30mm	1-6x	MAR-127	FMC	24mm	4-16	101.2mm	1/5 MIL	≥ 120MOA	100yds	250mm
HY1507	1-8x24	30mm	1-8x	MAR-154	FMC	24mm	3-10	101.2mm	1/5 MIL	≥ 100MOA	100yds	260mm
HY1517	1-10x24	30mm	1-10x	MAR-192	FMC	24mm	2.4-16	101.2mm	1/5 MIL	≥ 100MOA	100yds	265mm

ASSAILANT SFP Wire Reticle, 30MM Scope



RETICLE



SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Total travel (@ 100 yds)	Parallax compensation	Length
HY1509	1.2-6x24	30mm	1.2-6x	MAR-150	FMC	24mm	4-14.24mm	21.36-24mm	1/5 MIL	≥ 60MOA	100yds	240mm
HY1509-1	1.2-6x24 IR	30mm	1.2-6x	MAR-150	FMC	24mm	4-14.24mm	21.36-24mm	1/5 MIL	≥ 60MOA	100yds	240mm

ASSAILANT SFP Wire Reticle, 30MM Scope

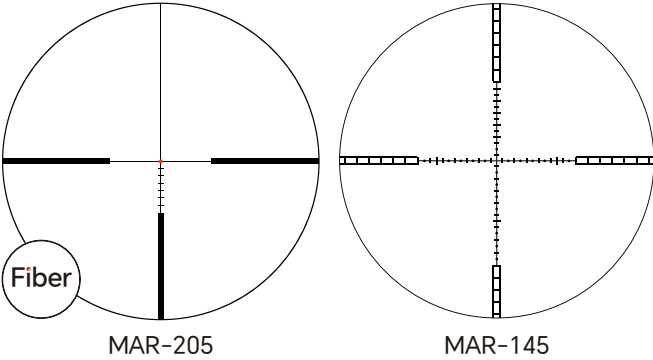


-HY1399



-HY1398

RETICLE



SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Total travel (@ 100 yds)	Parallax compensation	Length
HY1398	3-9x40 IRG Fiber	30mm	3-9x	MAR-205	FMC	40mm	3.67-13.05mm	39.16-40mm	1/4 MOA	≥ 60MOA	100yds	12.20in
HY1399	3-9x40 IRG	30mm	3-9x	MAR-145	FMC	40mm	3.67-13.05mm	39.16-40mm	1/4 MOA	≥ 60MOA	100yds	11.93in

ASSAILANT SFP Wire Reticle, 30MM Scope



-HY1405

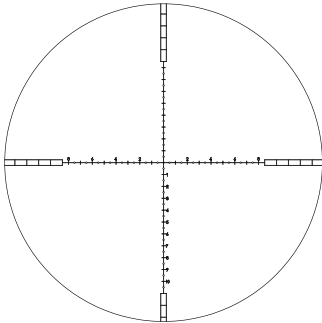


-HY1401-1



-HY1402

RETICLE



MAR-199

SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Total travel (@ 100 yds)	Parallax compensation	Length
HY1401-1	3-9x40	30mm	3-9x	MAR-199	FMC	40mm	3.67-13.05mm	39.16-40mm	1/4 MOA	≥ 60MOA	100yds	12.12in
HY1402	3-9x40 AOIR	30mm	3-9x	MAR-199	FMC	40mm	3.67-13.05mm	39.16-40mm	1/4 MOA	≥ 60MOA	100yds	12.40in
HY1405	4-12x40 AOIR	30mm	4-12x	MAR-199	FMC	40mm	3.67-13.05mm	39.16-40mm	1/4 MOA	≥ 60MOA	100yds	13.58in

ASSAILANT SFP Wire Reticle, 30MM Scope

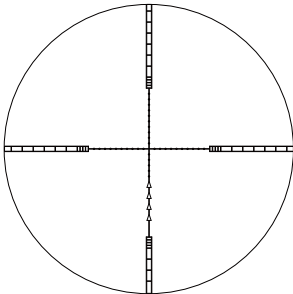


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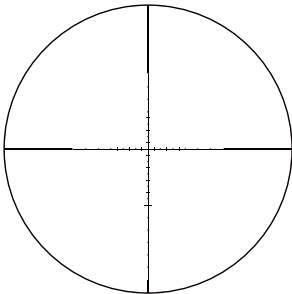


-HY1302-4 / HY1303

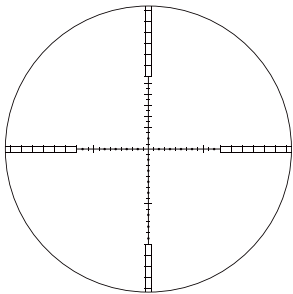
RETICLE



MAR-159



MAR-150



MAR-145

SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Total travel (@ 100 yds)	Parallax compensation	Length
HY1305-1	2-12x44 SF	30mm	2-12x	MAR-159	FMC	44mm	3.67-13.05mm	39.16-44mm	1/10 MIL	≥ 80MOA	10-100yds	260mm
HY1302-4	4-16x44 SF	30mm	4-16x	MAR-150	FMC	44mm	2.75-9.79mm	39.16-44mm	1/10 MIL	≥ 50MOA	15yds-∞	315mm
HY1303	6-24x50 SF	30mm	6-24x	MAR-145	FMC	50mm	2.08-8.33mm	44.5-50mm	1/10 MIL	≥ 50MOA	25yds-∞	348mm

ASSAILANT SFP Wire Reticle, 25.4MM Scope

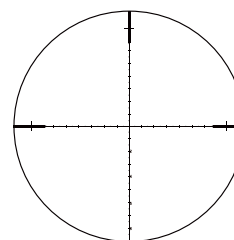


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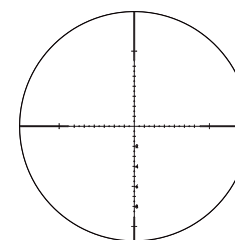


-HY1460

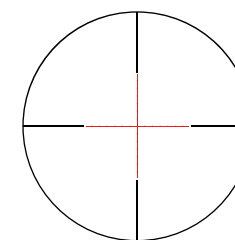
RETICLE



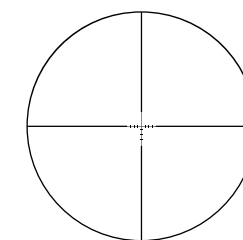
MAR-178



MAR-182



MAR-102



MAR-108

SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Total travel (@ 100 yds)	Parallax compensation	Length
HY1460	1.5-5x20	25.4mm	1.5-5x	MAR-178	FMC	20mm	4-11.87mm	17.8-20mm	1/2 MOA	≥ 60MOA	50yds	213mm
HY1403-5	3-9x40	25.4mm	3-9x	MAR-182	FMC	40mm	4.44-12mm	36-40mm	1/4 MIL	≥ 60MOA	100yds	305mm
HY1231	4x32	25.4mm	4x	MAR-102	FMC	32mm	8mm	28.5-32mm	1/2 MOA	≥ 60MOA	50yds	254mm
HY1299	4-12x40	25.4mm	4-12x	MAR-108	FMC	40mm	3.33-9mm	36-40mm	1/4 MOA	≥ 60MOA	100yds	355mm

EVOLVER SERIES



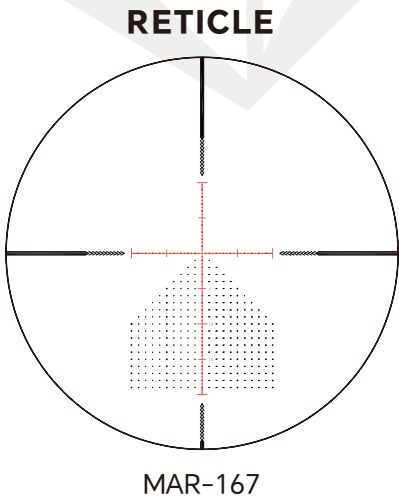
INTRODUCTION

- ▶ Built for hunters shooters who want top performance without cutting corners.
- ▶ Designed for air rifles, up to .308
- ▶ Strong one-piece tube made from aircraft-grade aluminum.
- ▶ Durable, precise, and ready for tough conditions.

EVOLVER FFP IR,30MM,Compact Scope



-HY1611 / HY1612 /



SPECS

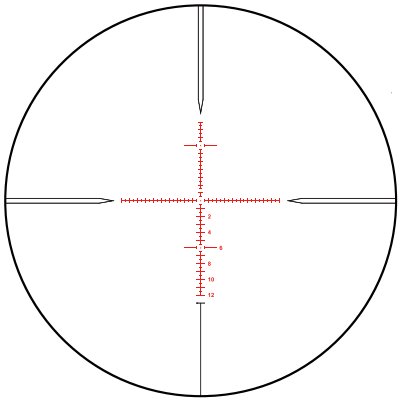
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HY1611	3-12x44	30mm	3-12x	MAR-167	FMC	44mm	14.6-3.6mm	90-85mm	1/10 MIL	+/-30MOA	10yds-∞	245mm
HY1612	4-16x44	30mm	4-16x	MAR-167	FMC	44mm	11-2.75mm	90-85mm	1/10 MIL	+/-30MOA	10yds-∞	269.5mm
....	6-24x44	30mm	6-24x	MAR-167	FMC	44mm	7.33-1.83mm	90-85mm	1/10 MIL	+/-25MOA	10yds-∞	296.5mm

EVOLVER FFP IR,30MM Scope



-HY1622

RETICLE



MAR-133

SPECS

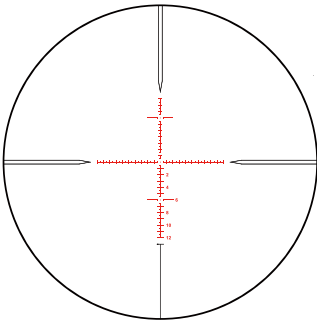
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HY1622	4-16x44	30mm	4-16x	MAR-133	FMC	44mm	2.93-11.5mm	4-3.7in	1/10 MIL	+/-80MOA	20-500yd	340mm

EVOLVER FFP IR,30MM Scope

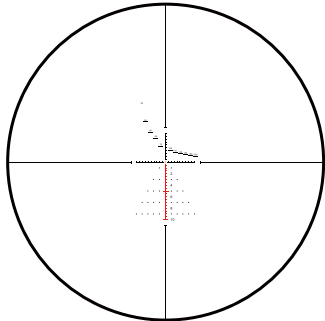


-HY1620 / HY1621

RETICLE



MAR-133



MAR-015

SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Movement Range (MOA)	Parallax setting(YDs)	Length
HY1620	4-16x44	30mm	4-16x	MAR-133	FMC	44mm	2.93-11.5mm	4-3.7in	1/10 MIL	+/-80MOA	20-500yd	340mm
HY1621	6-24x50	30mm	4-16x	MAR-015	FMC	50mm	2-8.3mm	4.3-3.8in	1/10 MIL	+/-60MOA	10-300yd	353mm

EVOLVER FFP,34MM,Zero Stop Scope



-HY1605 / HY1617



RETICLE



MAR-196

SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Movement Range (MOA)	Parallax setting(YDs)	Length
HY1617	3-18x50	34mm	3-18x	MAR-196	FMC	50mm	3-10.5mm	90-100mm	1/10 MIL	+/-90MOA	15yds-∞	335mm
HY1605	5-25x56	34mm	5-25x	MAR-196	FMC	56mm	2-10.2mm	90-100mm	1/10 MIL	+/-80MOA	15yds-∞	345mm

EVOLVER SFP,30MM,Zero Stop Scope



-HY1456

RETICLE



MAR-005

SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Illuminated	Parallax setting(YDs)	Length
HY1456	3-12x56	30mm	3-12x	MAR-005	FMC	56mm	14.7-3.7mm	95-100mm	1/4 MOA	YES	10yds-∞	335mm

STALKER SERIES



INTRODUCTION

- ▶ Top-level scopes for serious precision shooting.
- ▶ Made for shooters who want the best performance.
- ▶ Works with any rifle, no matter the caliber or power.
- ▶ Built with advanced design for high accuracy, clear view, and long-lasting strength.

STALKER FFP IR, 30MM Scope

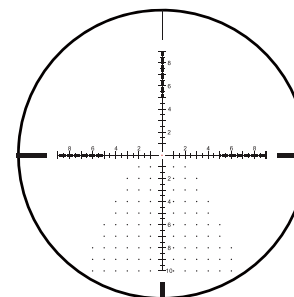


-HY1619 / HY1600

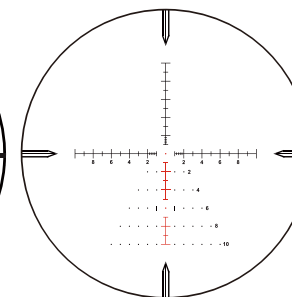


-HY1615

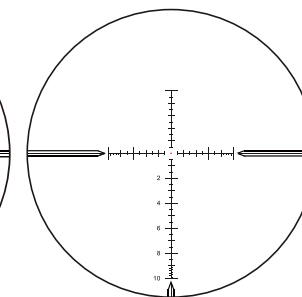
RETICLE



MAR-124



MAR-148



MAR-120

SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Movement Range (MOA)	Parallax setting(YDs)	Length
HY1619	3-18x50	30mm	3-18x	MAR-124	FMC	50mm	7-27	3.94-3.54in	1/10 MIL	+/-50MOA	15-500ys-∞	12.78in
HY1615	4-24x50	30mm	4-24x	MAR-148	FMC	50mm	6.45-1.85	4.33-3.62in	1/10 MIL	+/-60MOA	15-1000ys-∞	14.76in
HY1600	5-30x56	30mm	5-30x	MAR-120	FMC	56mm	9-1.87	3.94-3.54in	1/10 MIL	+/-50MOA	20-900ys-∞	15.2in

STALKER SFP,ED,30MM,Zero Stop Scope



-HY1457

RETICLE



MAR-005



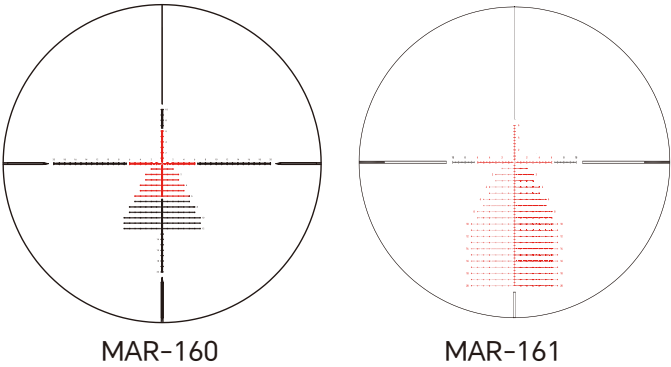
SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Movement Range (MOA)	Field of view @100 yards	Length
HY1457	2-12x44	30mm	2-12x	MAR-005	FMC	44mm	8-3.4mm	90-95mm	1/10 MARD	+/-40MOA	58.7ft-9.7ft	312.8mm

STALKER FFP,ED,34MM,Zero Stop Scope



RETICLE



SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Movement Range (MOA)	Parallax setting(YDs)	Length
HY1626	3-18x50	34mm	3-18x	MAR-160	FMC	50mm	16.7-3.3mm	3.7in	1/10 MARD	+/-120MOA	10yds-∞	14.48in
HY1627	5-25x56	34mm	5-25x	MAR-161	FMC	56mm	11.2-2.24mm	3.7in	1/10 MARD	+/-100MOA	15yds-∞	15.08in

STALKER FFP,ED,34MM,Zero Stop Scope



-HY1628

RETICLE



MAR-200

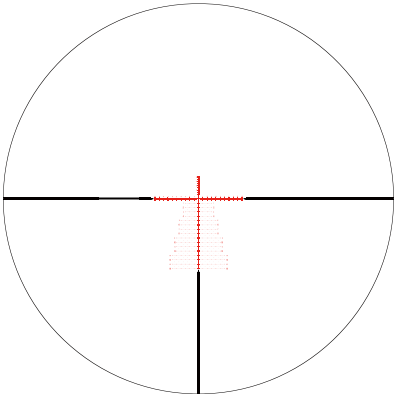
SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Movement Range (MOA)	Parallax setting(YDs)	Length
HY1628	4-32x56	34mm	4-32x	MAR-200	FMC	56mm	9.7-2.2mm	90mm	1/10 MIL	90/80MOA	15yds-∞	14.76in

STALKER FFP,ED,34MM,Zero Stop Scope



RETICLE



MAR-202

SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Movement Range (MOA)	Parallax setting(YDs)	Length
HY1602-2	5-25x56	34mm	5-25x	MAR-202	FMC	56mm	9.7-2.2mm	3.7in	1/10 MRAD	+/-120MOA	20yds-∞	14.37in

STALKER FFP,ED,34MM,Zero Stop Scope



-HY1650

RETICLE



MAR-206

SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Movement Range	Parallax setting(YDs)	Length
HY1650	5-40x56	34mm	5-40x	MAR-206	FMC	56mm	8.5-1.4mm	3.7-3.94in	1/10 MIL	86MOA/24MIL	10yds-∞	14.17in

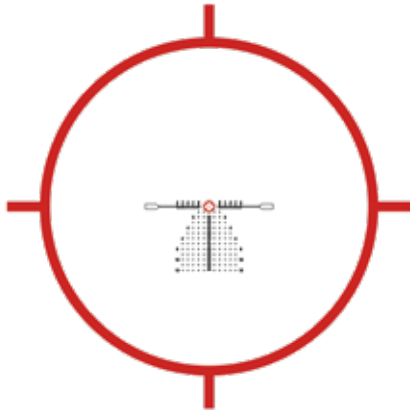
STALKER

FFP,ED,LPVO,34MM,Zero Stop Scope



-HY1520

RETICLE



MAR-201

SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Movement Range (MIL)	Parallax setting(YDs)	Length
HY1520	1-10x28	34mm	1-10x	MAR-201	FMC	28mm	8-2.8in	3.74in	1/10 MIL	+/-50MIL	100yds	252mm

STALKER SFP,ED,34MM,Zero Stop Scope



-HY1651

RETICLE



MAR-207

SPECS

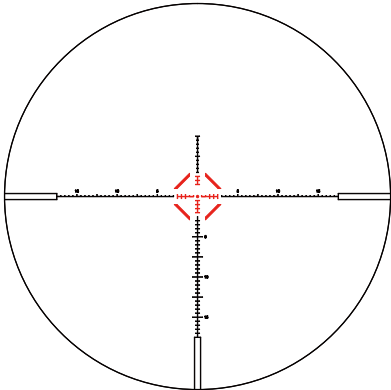
Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Movement Range	Parallax setting(YDs)	Length
HY1651	3-15x44	34mm	3-15x	MAR-207	FMC	44mm	10.17-2.86mm	90-93mm	1/10 MRAD	33MIL/33MIL	10-1000K	12.64in

STALKER SFP,LPVO,34MM Compact Scope



-HY1514-1/ HY1515-1/ HY1516-1

RETICLE



MAR-190

SPECS

Code ID	Model	Tube Dia.	Magnification	Reticle	Lens Coating	Objective Lens Dia.	Exit Pupil	Eye Relief	Click Value	Win./Ele. Movement Range (MOA)	Parallax setting(YDs)	Length
HY1514-1	1-6x28	34mm	1-6x	MAR-190	FMC	28mm	12.15-3.4	3.26-3.46	1/2 MOA	+/-100MOA	100yds	269mm
HY1515-1	1-8x28	34mm	1-8x	MAR-190	FMC	28mm	8.5-2.95	3.26-3.35	1/2 MOA	+/-100MOA	100yds	271mm
HY1516-1	1-10x28	34mm	1-10x	MAR-190	FMC	28mm	8-2.4	3.35-3.6	1/2 MOA	+/-100MOA	100yds	276mm



MARCOOL OPTICAL INSTRUMENT CO., LTD.