

BSA Optics Comparison Chart

Model No.	Magnification	OBJ-Lens Dia-MM	Exit Pupil Range in Variable-MM	Field of View in Feet @ 100 YDS.	Optimum Eye Relief in Inches	Weight in Ounces
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All Dimesions are in Inches Unless Otherwise Indicated

Catseye

FM1545X32	1.5-4.5X	32	21.33-7.11	42-18	4	12
FM1545X32IR	1.5-4.5X	32	21.33-7.11	42-12.5	4	12
FM310X44	3-10X	44	14.67-4.40	27-9	3.5	16
FM310X44IR	3-10X	44	14.67-4.40	27-9	4.5	16
FM3510X50	3.5-10X	50	14.29-5	30-10.5	4.5	17.2
FM3510X50IR	3.5-10X	50	14.29-5	30-10.5	3.5	17.2
FM416X50A/O	4-16X	50	12.50-3.13	25-6	4.5	22
FM624X50A/O	6-24X	50	8.33-2.08	13.6-4.2	4.5	23

Huntsman Scopes

HM312X50	3-12X	40	13.33-3.33	26.6-7.9	3	21.9
HM39X40	3-9X	40	13.33-4.44	34.1-6.3	3	14.8
HM39X40TV	3-9X	40	13.33-4.44	34.1-6.3	3	14.8
HM39X44	3-9X	40	13.33-4.44	34.1-6.3	3	14.9
HM416X40	4-16X	40	10-2.50	19-6.3	3	19.4
HM4X32DT	4X	32	8	19	3	9
HM618X40	6-18X	50	8.33-2.78	13.6-4.2	3	19.9

Deerhunter Hunting Scopes

DH1545X32	1.5-4.5X	32	21.33-7.11	55	5	12.7
DH2510X44	2.5-10X	44	17.60-4.40	42-12	3	15.5
DH25X20	2.5X	20	8	24.6	6	8
DH39X32	3-9X	32	10.67-3.56	37.7-14.1	3	12.3
DH39X40	3-9X	40	13.33-4.44	38.8-6.3	3	14.8
DH39X40IR	3-9X	40	13.33-4.44	38.8-6.3	4.5	14.8
DH39X40SIL	3-9X	40	13.33-4.44	38.8-6.3	3	16.6
DH39X50	3-9X	50	16.67-5.56	41-15	3	17.3
DH4X32	4X	32	8	24.8	3	11.3

.22 & Air Rifle Scopes

AR27X32	2-7X	32	16-4.57	48	3	14
AR312X40	3-12X	40	13.33-3.33	27-7	3	19.4
AR312X44	3-12X	44	14.67-3.67	36	3	15
AR4X32	4X	32	8	32	3	11
S39X32WR	3-9X	32	10.67-3.56	28-13	3	22
S39X32WRSIL	3-9X	32	10.67-3.56	28-13	3	22
S4X32WR	4X	32	8	26	3	16

Sweet 17 Scopes

17-27X32 A/O	2-7X	40	20-5.71	28-7	3	19.4
17-312X40	3-12X	40	13.33-3.33	36.2-11.5	3	15.9

17-618X40A/O	6-18X	40	6.67-2.22	16	6	29
MACH27X32AO	2 - 7X	32	16 - 5	46 - 11	3	18
MACH39X40	3 - 9X	40	13 - 4	38-14	3	18
MACH412X40	4 - 12X	40	10.-3	28-11	3	21

Contender Target/Hunting Scope

CT312X40TS	3-12X	40	13.33-3.33	24.6-7.9	3	18.3
CT312X50TS	3-12X	50	16.67-4.17	26.2-7.9	3	21.9
CT416X40TS	4-16X	40	10-2.5	19.2-6.3	3	19.4
CT416X50TS	4-16X	50	12.50-3.13	21.8-6.1	3	22.9
CT624X40SIL	6-24X	40	6.67-1.67	14.7-4.7	3	19.9
CT624X40TS	6-24X	40	6.67-1.67	14.7-4.7	3	19.9
CT624X50TS	6-24X	50	8.33-2.08	13.6-4.2	3	23.3
CT832X40SIL	8-32X	40	5-1.25	9.4-3.7	3	20.8
CT832X40TS	8-32X	40	5-1.25	9.4-3.7	3	20.8
CT832X50TS	8-32X	50	6.25-1.56	12-3.1	3	23.3

Mil Dot

MD416X40	4-16X	40	10-2.50	19.2-6.3	3	19.4
MD416X40IR	4-16X	40	10-2.50	20-5	3	22.9
MD624X40	6-24X	40	6.67-1.67	14.7-4.7	3	19.9
MD624X40IR	6-24X	40	6.67-1.67	13.0-3.0	3	22.9
MD832X40	8-32X	40	5-1.25	9.4-3.7	3	20.1

Platinum Target Scopes

PT624X44MD	8-32X	44	5.50-1.38	15-3	3	24.3
PT624X44TS	6-24X	44	7.33-1.83	15-4	3	24.3
PT832X44MD	8-32X	44	5.50-1.38	15-3	3	24.3
PT832X44TS	6-24X	44	7.33-1.83	15-4	3	24.3

Red Dot

RD30	1X	30	30	68	UNLIMITED	5
RD30/22SB	1X	30	30	68	UNLIMITED	5
RD30/22SIL	1X	30	30	68	UNLIMITED	5
RD30SB	1X	30	30	68	UNLIMITED	5
RD30SIL	1X	30	30	68	UNLIMITED	5
RD42SB	1X	42	42	80	UNLIMITED	7
RD50SB	1X	50	50	88	UNLIMITED	8.5

Specialty Scopes

PS2X20	2X	20	10	25	20-Nov	7.5
PS2X20SIL	2X	20	10	25	20-Nov	7.5

Binoculars

C10X25A	10-10X	25	2.5	288	7MM	9.7
C8X21A	8X	21	2.63	392	7MM	6.3

Spotting Scopes

DH1545X50	15-45X	50	3.33-1.11	4-Nov	25MM	23
DH2060X60	20-60X	60	3.0-1.0	3-Jul	15MM	28
KBC1030X50	10-30X	50	5-1.67	15.7-7.8	18MM	21.52
KCE2060X60	20-60X	60	3.0-1.0		18MM	28

KDH2060X60	20-60X	60	3.0-1.0	3-Jul	15MM	28.22
NH1836X50BK	18-36X	50	2.78-1.39	11.4-6.9	15.8MM	31.4
NH1836X50CM	18-36X	50	2.78-1.39	11.4-6.9	15.8MM	31.4
TT25X30	25X	30	1.2			

RIM Fire

R37X20	3-7X	20	6.67-2.86	24.11	3	4.9
R37X20SIL	3-7X	20	6.67-2.86	24.11	3	4.9
R4X15	4X	15	3.75	20	2.5	3.5

Panther Scopes

PAN2510X44	2.5 - 10X	44	18 - 4	35 - 11	3	20.7
PAN310X40	3 - 10X	40	13 - 4	29 - 10.5	3	17.5
PAN3510X50	3.5 - 10X	50	14 - 5	27 - 10.5	3	20
PAN6520X44	6.5 - 20X	44	7 - 2.0	14 - 4.5	3	21