

Scope Specifications and Reticle Subtensions

	TITANIUM	XTREME TACTICAL				BLACK DIAMOND			EURO DIAMOND						
Model	4-16-50	1.5-6-40	10-50	3-12-50	6-24-50	4-16-50	6-24-50	8-32-50	1-4-24	1.5-6-40	3-10-40	2.5-10-44	2.5-10-50	3-12-50	3-12-56
Field of View ** Low-High	27-7.5	60-20	12	34-10	19-5.3	27-7.5	19-5.3	14-4	109-32	60-20	38-11	35-10	35-10	34-10	34-10
Exit Pupil (mm) Low - High	12-3.1	26-7	5	17-4.7	7.6-2.1	12-3.1	7.6-2.1	6.2-1.7	22-6	26-7	14-4	15-4.2	15-4.2	15-4.2	17-4.7
Click Value (Inch@100yards)	.22	.5	.25	.25	1"E, .5W	.25	.125	.125	.5	.5	.25	.25	.25	.25	.25
Max Adj. (Inch@100yards) ¹	74	110	90	90	79E, .29W	74	52	39	130	110	64	50	50	50	50
Weight (Ounces)	27	19	25	26	26	20	21	21	17	17	16	20	21	21	26
A-Optimum Eye Relief (Inch)	3.3-3.8	3.5-4.0	3.5-4.0	3.5-4.0	3.2-3.7	3.3-3.8	3.2-3.7	3.0-3.5	3.5-4.0	3.5-4.0	3.5-4.0	3.0-4.7	3.5-4.0	3.5-4.0	3.5-4.0
B-Objective End Dia (mm)	60	48	58	58	58	58	58	58	30	48	48	52	58	58	64
C-Clear Objective Dia (mm)	50	40	50	50	50	50	50	50	24	40	40	44	50	50	56
D- Ocular End Dia (mm)	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
E-Overall Length (Inch)	13.6	12.2	15.2	15.6	16.5	15.7	16.2	16.9	11.3	12.6	13.6	14.1	13.9	13.7	15.2
F-Scope Dimension (Inch)	3.3	2.7	3.8	3.8	4.5	4.2	4.7	5.1	0	2.7	3.3	4.1	3.8	3.8	4.8
G-Scope Dimension (Inch)	1.8	1.7	1.8	1.8	2.7	2.9	3.0	3.2	3.5	1.7	2.2	2.2	2.2	2.2	2.8
H-Scope Dimension (Inch)	3.5	2.7	3.8	3.5	3.2	3.4	3.4	3.5	2.3	2.7	2.7	2.7	2.7	2.7	2.7
I-Scope Dimension (Inch)	3.8	3.6	3.6	4.1	3.7	3.8	3.8	3.8	3.9	3.6	3.6	3.8	3.9	3.6	3.7
J-Scope Dimension (Inch)	6.5	5.7	6.2	6.2	7.8	7.7	7.7	8.0	7.1	5.7	6.2	6.2	6.2	6.2	6.7

Reticle Subtensions (all dimensions represent inches @ 100 yards)

Plex, B Plex Dim. A High Mag	-	.44	-	.22	-	.17	-	-	-	-	.26	.22	-	.22	-
Plex, B Plex Dim. A Low Mag	-	1.75	-	.79	-	.62	-	-	-	-	.91	.80	-	.79	-
Plex Dim. B High Mag	-	1.18	-	.59	-	.46	-	-	-	-	.71	.59	-	.59	-
Plex Dim. B Low Mag	-	4.7	-	2.1	-	1.7	-	-	-	-	2.4	2.2	-	2.1	-
Fine Plex Dim. A High Mag	-	-	-	-	.07	-	.07	.05	-	-	-	-	-	-	-
Fine Plex Dim. A Low Mag	-	-	-	-	.25	-	.25	.19	-	-	-	-	-	-	-
Fine Plex Dim. B High Mag	-	-	-	-	.17	-	.17	.13	-	-	-	-	-	-	-
Fine Plex Dim. B Low Mag	-	-	-	-	.63	-	.63	.47	-	-	-	-	-	-	-
Plex, F-Plex Dim. W High Mag	-	12.9	-	6.5	3.4	5.2	3.4	2.6	-	-	-	-	-	-	-
Plex, F-Plex Dim. W Low Mag	-	51.6	-	23.5	12.6	19.1	12.6	9.5	-	-	-	-	-	-	-
Ballistic Plx Dim. W High Mag	-	-	-	-	-	-	-	-	-	-	5.8	6.5	-	6.5	-
Ballistic Plx Dim. W Low Mag	-	-	-	-	-	-	-	-	-	-	20.2	23.5	-	23.5	-
Ballistic Mil-Dot Dim. A @14x	.18	-	.24 @10X	.2 @12X	.18 @14X	.18	.18	.18	-	-	-	-	-	-	-
Ballistic Mil-Dot Dim. B @14x	2.8	-	3.8 @10X	.32 @12X	2.8 @14X	2.8	2.8	2.8	-	-	-	-	-	-	-
3P#4 Dim. A Medium Mag	-	-	-	-	-	-	-	-	1.03	.70	.41	.34	.34	.34	.34
3P#4 Dim. B Medium Mag	-	-	-	-	-	-	-	-	7.9	5.4	3.1	2.6	2.6	2.6	2.6
3P#4 Dim. W Medium Mag	-	-	-	-	-	-	-	-	30.8	21.0	24.5	25.2	25.2	25.2	25.2
3P#4 E-Dot Medium Mag	-	-	-	-	-	-	-	-	1.58	1.07	-	-	.53	-	.34

**Field of View in Feet @ 100 Yards

¹ Total Adjustment Capability. Example 50 inches would be roughly 25 inches in any direction from center.

	SIGNATURE SELECT & SIGNATURE SELECT LRS								FULLFIELD II, FFII LRS, FFII Tactical							
Model	1.75-5-32	1.5-6-40	3-10-40	3-12-44	4-16-44	6-24-44	8-32-44	6X-40	6-HBR	1.75-5-20	2-7-35	3-9-40	3-9-50	3.5-10-50	4.5-14-42	6.5-20-50
Field of View ** Low-High	45-19	60-20	37-15	37-10	26-8	17.3-6	14-4.5	17	17	55-20	45-13	33-13	30-11	28-11	22-7.5	18-6
Exit Pupil (mm) Low-High	18-6.4	15-4.5	12-4.5	16-4.3	10-2.8	6.7-1.9	5.1-1.4	6.5	5.2	11.1-4.2	16-4.6	12.9-4.7	16-5.3	13-5.1	9.1-3.1	7.6-2.6
Click Value (Inch @ 100 yards)	.5	.5	.25	.25	.25	.125	.125	.2	.125	.5	.5	.25	.25	.25	.25	.25 ²
Max Adj. (Inch @ 100 yards) ¹	70	110	50	50	32	22	22	50	50	70	60	50	50	50	40	30
Weight (Ounces)	12*	16*	17*	18	20*	21	22	12.8	13.6	10	12	13	17	15	18	19
A-Optimum Eye Relief (Inch)	3.8-4.5	3.5-4.0	3.5-4.0	3.0-4.5	3.5-4.0	3.2-3.7	3.0-3.5	3.1-3.8	3.1-3.8	3.1-3.8	3.1-3.8	3.1-3.8	3.1-3.8	3.1-3.8	3.1-3.8	3.1-3.6
B-Objective End Dia (mm)	37	48	48	52	60	60	60	46	46	28	41	46	57	57	56	60.6
C-Clear Objective Dia (mm)	32	40	40	44	44	44	44	40	32	20	35	40	50	50	42	50
D- Ocular End Dia (mm)	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
E-Overall Length (Inch)	11.6	11.3	13.1	13.9	15.5	16.2	17.2	12.1	12.2	10.7	11.4	12.2	13.1	13.1	13	14.5
F-Scope Dimension (Inch)	2.8	1.7	3.0	3.7	5.3	6.4	6.4	3.1	3.2	0.8	2	3.1	4.7	4.1	3.8	5.8
G-Scope Dimension (Inch)	1.9	1.8	2.4	2.5	2.4	2.4	3.2	2.2	2.2	2.3	2.1	2.5	1.7	2.1	2.2	1.8
H-Scope Dimension (Inch)	2.4	2.7	2.7	2.7	2.7	2.7	2.7	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.4	2.5
I-Scope Dimension (Inch)	3.3	3.7	3.7	3.7	3.7	3.7	3.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
J-Scope Dimension (Inch)	5.5	5.9	6.5	6.6	6.5	6.5	7.3	5.9	5.9	6.7	5.3	5.9	5.4	5.8	5.9	5.5
Reticle Subtensions (all dimensions represent inches @ 100 yards)																
Plex, B Plex Dim. A High Mag	.51	.46	.29	.22	.19	.13	.10	.43	-	.57	.39	.31	.29	.28	.19	-
Plex, B Plex Dim. A Low Mag	1.5	1.7	.81	.80	.68	.48	.38	-	-	1.6	.39	.86	.82	.78	.58	-
Plex Dim. B High Mag	1.38	1.19	-	-	-	.35	.28	1.1	-	1.5	1.06	.83	.79	.75	.52	-
Plex Dim. B Low Mag	7.1	7.5	-	-	-	1.3	1.0	-	-	4.3	1.1	2.3	2.2	2.1	1.6	-
Fine Plex Dim. A High Mag	-	-	-	-	-	.08	.06	-	-	-	-	-	-	-	.12	.08
Fine Plex Dim. A Low Mag	-	-	-	-	-	.29	.23	-	-	-	-	-	-	-	.36	.25
Fine Plex Dim. B High Mag	-	-	-	-	-	.20	.16	-	-	-	-	-	-	-	.30	.21
Fine Plex Dim. B Low Mag	-	-	-	-	-	.74	.58	-	-	-	-	-	-	-	.89	.63
Plex, F-Plex Dim. W High Mag	15.8	14.1	-	-	-	4.0	-	13.1	-	17.7	-	9.4	9.0	8.6	5.9	4.2
Plex, F-Plex Dim. W Low Mag	47.4	51.8	-	-	-	14.7	-	-	-	49	-	26	25	24	18	13
Ballistic Plx Dim. W High Mag	-	-	6.5	7.8	5.7	-	-	-	-	-	9.1	7.1	6.8	6.4	6.2	-
Ballistic Plx Dim. W Low Mag	-	-	18.1	28.6	21.0	-	-	-	-	-	9	20	19	18	19	-
B-Mil-Dot Dim. A @14x	-	-	-	-	.18	.18	.18	-	-	-	-	-	-	-	-	.18
B-Mil-Dot Dim. B @14x	-	-	-	-	2.8	2.8	2.8	-	-	-	-	-	-	-	-	2.4
3P#4 Dim. A Medium Mag	.80	-	-	-	-	-	-	-	-	.85	-	.45	-	.41	.44	-
3P#4 Dim. B Medium Mag	6.2	-	-	-	-	-	-	-	-	6.51	-	3.48	-	3.15	4.11	-
3P#4 Dim. W Medium Mag	24.1	-	-	-	-	-	-	-	-	25.4	-	27.1	-	24.6	25.4	-
HBR Target Dot (High Power)	-	-	-	-	-	-	-	-	.375	-	-	-	-	-	-	-
SuperFine Crosshair	-	-	-	-	-	-	-	-	.262	-	-	-	-	-	-	-

¹ Total Adjustment Capability. Example 50 inches would be roughly 25 inches in any direction from center. **Field of View in Feet @ 100 Yards

² Target Knob Version features 1/6 in click value * LRS add one ounce