

# Scope Specifications and Reticle Subtensions

Model	TITANIUM				XTREME TACTICAL			BLACK DIAMOND			EURO DIAMOND					
	4-16-50	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	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	5	17-4.7	7.6-2.1	12-3.1	7.6-2.1	6.2-1.7	22-6	26-7	17-4.4	20-5.0	15-4.2	15-4.2	17-4.7		
Click Value (Inch@100yards)	.22	.25	.25	1"E, .5W	.25	.125	.125	.5	.5	.25	.25	.25	.25	.25		
Max Adj. (Inch@100yards) <sup>1</sup>	74	90	90	79E, .29W	74	52	39	130	110	64	50	50	50	50		
Weight (Ounces)	27	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	3.2-3.7	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	58	58	58	58	58	58	30	48	48	52	58	58	64		
C-Clear Objective Dia (mm)	50	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		
E-Overall Length (Inch)	13.6	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	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	1.8	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	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	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	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		
<b>Reticle Subtensions (all dimensions represent inches @ 100 yards)</b>																
Plex, B-Plex Dim. A High Mag	-	-	.22	-	.17	-	-	-	-	.26	.22	-	.22	-		
Plex, B-Plex Dim. A Low Mag	-	-	.79	-	.62	-	-	-	-	.91	.80	-	.79	-		
Plex Dim. B High Mag	-	-	.59	-	.46	-	-	-	-	.71	.59	-	.59	-		
Plex Dim. B Low Mag	-	-	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	-	-	6.5	3.4	5.2	3.4	2.6	-	-	-	-	-	-	-		
Plex, F-Plex Dim. W Low Mag	-	-	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	3.2@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	-	-	-	-	-	-	-	6.0	5.4	3.1	2.6	2.6	2.6	2.6		
3P#4 Dim. W Medium Mag	-	-	-	-	-	-	-	26.0	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

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

Model	SIGNATURE SELECT & SIGNATURE SELECT LRS								FULLFIELD II, FFII LRS, FFII Tactical							
	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	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	45-17	33-13	30-11	28-11	22-7.5	18-6	
Exit Pupil (mm) Low-High	18-6.4	15-4.5	13-4.0	16-4.3	10-2.8	6.7-1.9	5.1-1.4	6.5	5.2	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	.25	.25	.25	.25	.25 <sup>2</sup>	
Max Adj. (Inch @ 100 yards) <sup>1</sup>	70	110	50	50	32	22	22	50	50	60	50	50	50	40	30	
Weight (Ounces)	12*	16*	17*	18	20*	21	22	12.8	13.6	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	3.1-4.1	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	41	46	57	57	56	60.6	
C-Clear Objective Dia (mm)	32	40	40	44	44	44	44	40	32	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	
E-Overall Length (Inch)	11.6	11.3	13.1	13.9	15.5	16.2	17.2	12.1	12.2	11.4	12.2	13.1	13.1	13	14.5	
F-Scope Dimension (Inch)	2.8	2.7	3.0	3.7	5.3	6.4	6.4	3.1	3.2	2	3.1	4.7	4.1	3.8	5.8	
G-Scope Dimension (Inch)	1.9	1.7	2.4	2.5	2.4	2.4	3.2	2.2	2.2	2.1	2.5	1.7	2.1	2.2	1.8	
H-Scope Dimension (Inch)	2.4	2.5	2.7	2.7	2.7	2.7	2.7	2.4	2.4	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	
J-Scope Dimension (Inch)	5.5	5.6	6.5	6.6	6.5	6.5	7.3	5.9	5.9	5.3	5.9	5.4	5.8	5.9	5.5	
<b>Reticle Subtensions (all dimensions represent inches @ 100 yards)</b>																
Plex, B-Plex Dim. A High Mag	.51	.46	.29	.22	.19	.13	.10	.43	-	.39	.31	.29	.28	.19	-	
Plex, B-Plex Dim. A Low Mag	1.5	1.7	.81	.80	.68	.48	.38	-	-	1.1	.86	.82	.78	.58	-	
Plex Dim. B High Mag	1.38	1.19	-	-	-	.35	.28	1.1	-	1.06	.83	.79	.75	.52	-	
Plex Dim. B Low Mag	7.1	7.5	-	-	-	1.3	1.0	-	-	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	-	-	9.4	9.0	8.6	5.9	4.2	
Plex, F-Plex Dim. W Low Mag	47.4	51.8	-	-	-	14.7	-	-	-	-	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	-	-	-	-	-	-	-	-	.6	.45	-	.41	.44	-	
3P#4 Dim. B Medium Mag	6.2	-	-	-	-	-	-	-	-	4.6	3.48	-	3.15	4.11	-	
3P#4 Dim. W Medium Mag	24.1	-	-	-	-	-	-	-	-	17.8	27.1	-	24.6	25.4	-	
HBR Target Dot (High Power)	-	-	-	-	-	-	-	-	.375	-	-	-	-	-	-	
SuperFine Crosshair	-	-	-	-	-	-	-	-	.262	-	-	-	-	-	-	

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

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