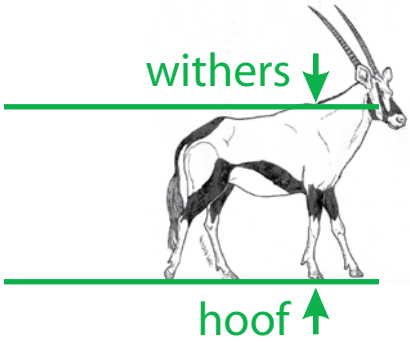
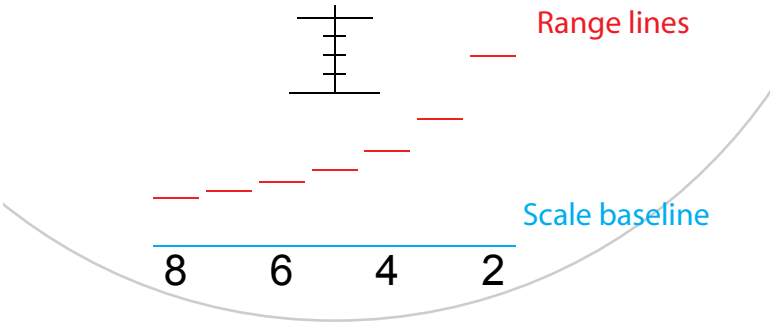
Reticle instructions for Lynx *LX2* 2.5-15x50 RF

To use the range-finding scale for target animals larger than 65cm

Set the scope magnification according to target animal size using the table below, range the target animal by fitting him, hoof to withers, between the scale baseline and the range lines.



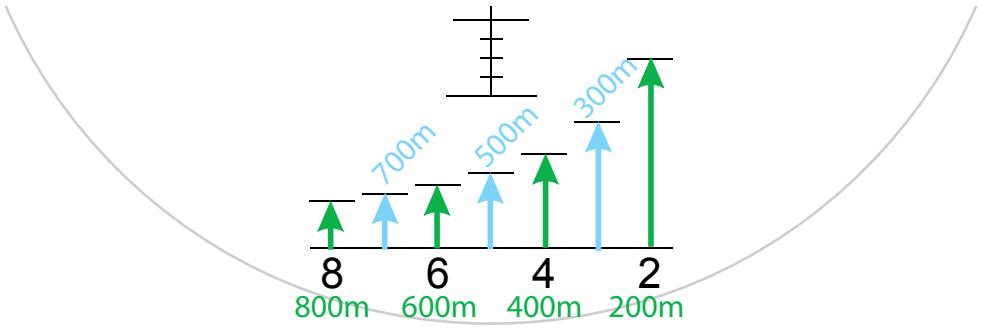
The withers is the ridge between the shoulder-blades of a four-legged animal. In many species it is the tallest point of the body.



	Shoulder height	Magnification
Warthog	650 mm	15 (15x)
Springbok	750 mm	13.3 (13.5x)
Bosbok	800 mm	12.5 (12.5x)
Rooibok / Impala	900 mm	11.1 (11x)
Blesbok	950 mm	10.5 (10.5x)
Nyala	1120 mm	8.9 (9x)
Waterbuck / Gemsbok / Oryx	1200 mm	8.3 (8.5x)
Sable	1350 mm	7.4 (7.5x)
Kudu	1400 mm	7.1 (7x)
Blue Wildebeest	1500 mm	6.7 (7x)
Eland	1700 mm	5.9 (6x)

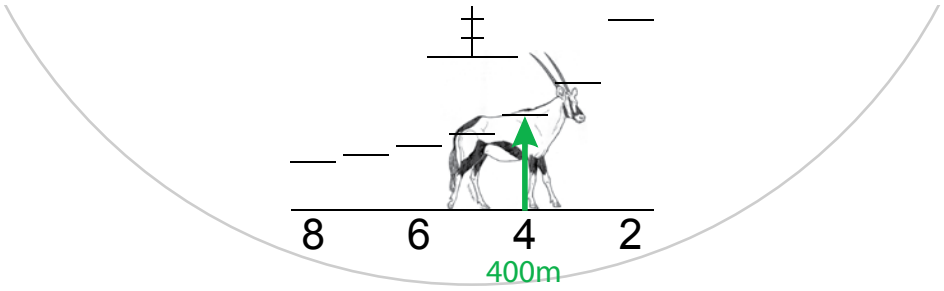
Table 1

Read off the target distance on the even numbers below the scale, 2 = 200 metres, 4 = 400 metres etc. Intermediate lines (shown in blue below) representing 300, 500 & 700 metres have no number printed below the scale.



Ranging scale distances for target animals larger than 1 metre at the shoulder

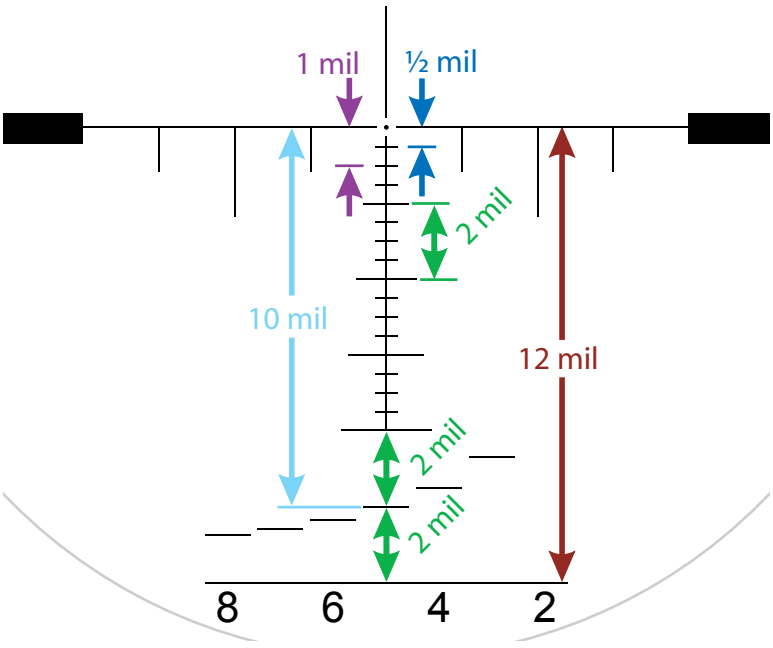
In the example below the scope magnification is set to 8.5x (refer to the magnification column in table 1 above) to range an oryx-sized target. The oryx pictured here is standing 400 metres away as indicated by the number ‘4’ on the range-finding baseline.



USING THE CENTRE POST SCALE TO DETERMINE TARGET DISTANCE

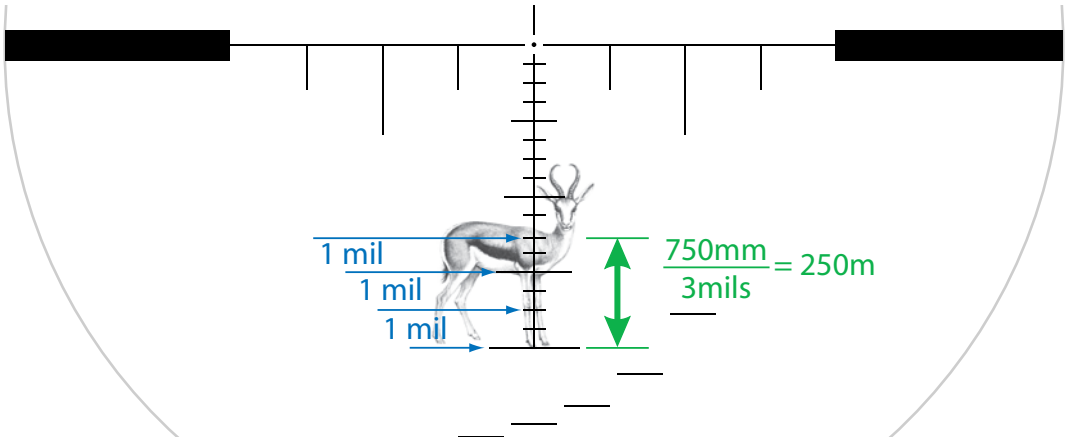
More versatile than the ranging scale, the centre post scale is graduated in US Military mils and can be used to range target animals of any size without having to change scope magnification from 10x.

With the scope set at 10x each small graduation line on the scale represents 0.5 mil and each large graduation line represents 2 mils. The diagram below shows that the centre scale is 12 mils high from the range-finding scale baseline, 10 mils high from the centre range line on the ranging scale and 8 mils if the 0.5 mil graduated scale is used.



Set the scope to 10x and hold the centre scale over the target animal, hoof to withers. Divide the animal height in millimetres by the number of mils it covers and you have the distance to target in metres.

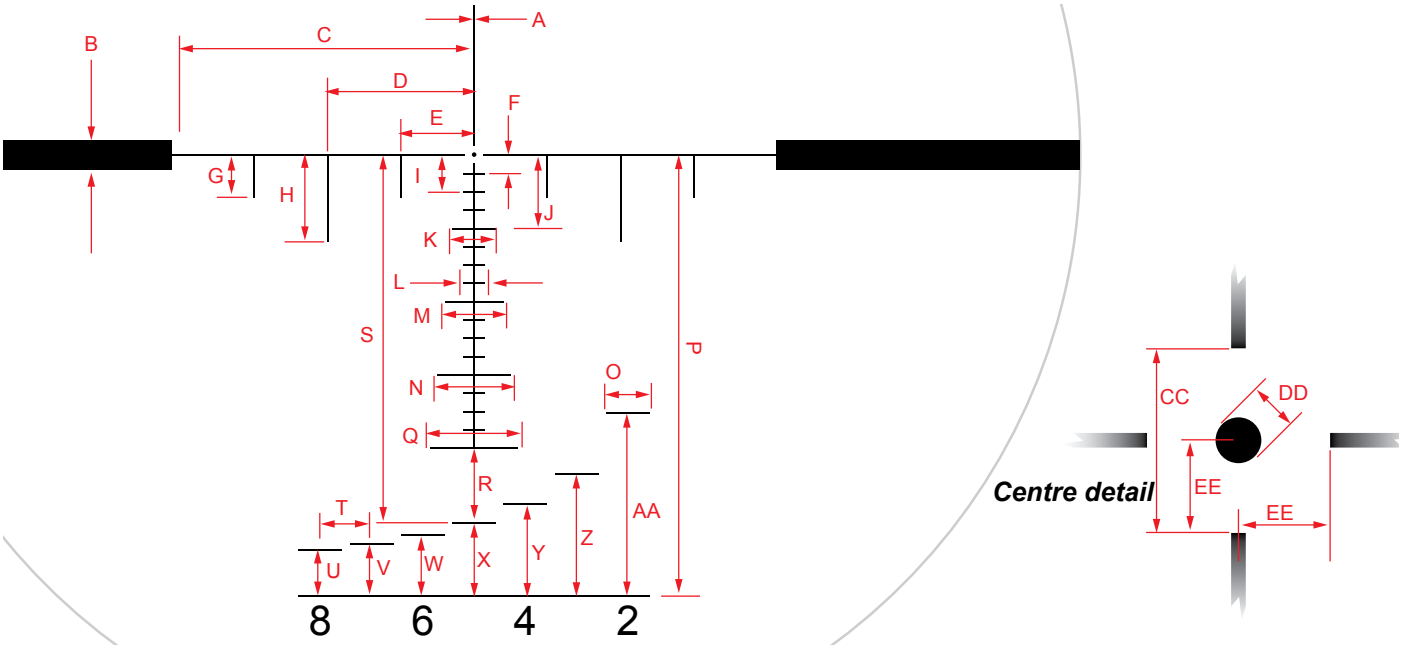
In the example below the scope magnification is set to 10x to use the centre post scale. The springbok pictured here is standing 250 metres away (750mm divided by 3).



RF Reticle Dimensions

Using the reticle dimension table on the next page all centre post scale dimensions are given for various magnifications from 2.5x to 15x. To calculate a given dimension for any other magnification setting use the "Reference @ 1x" column and divide it by the magnification you wish to use.

Lynx LX2 3.5-10x50 RF reticle dimensions



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	Reference		Reticle dimensions in millimetres @ 100 metres at various scope magnificaiton											Mils
	@ 1x		**15x**	**12x**	**10x**	**9x**	**8x**	**7x**	**6x**	**5x**	**4x**	**3x**	**2.5x**	@ 10x
A	30		2	3	3	3	4	4	5	6	8	10	12	
B	800		53	67	80	89	100	114	133	160	200	267	320	
C	8 000		533	667	800	889	1 000	1 143	1 333	1 600	2 000	2667	3200	
D	4 000		267	333	400	444	500	571	667	800	1 000	1333	1600	
E	2 000		133	167	200	222	250	286	333	400	500	667	800	
F	500		33	42	50	56	63	71	83	100	125	167	200	0.5 mil
G	1 200		80	100	120	133	150	171	200	240	300	400	480	
H	2 400		160	200	240	267	300	343	400	480	600	800	960	
I	1 000		67	83	100	111	125	143	167	200	250	333	400	1 mil
J	2 000		133	167	200	222	250	286	333	400	500	667	800	2 mil
K	1 200		800	100	120	133	150	171	200	240	300	400	480	
L	600		40	50	60	67	75	86	100	120	150	200	240	
M	1 600		107	133	160	178	200	229	267	320	400	533	640	
N	2 000		133	167	200	222	250	286	333	400	500	667	800	
O	1 200		80	100	120	133	150	171	200	240	300	400	480	
P	12 000		80	1000	1 200	1 333	1 500	1 714	2 000	2 400	3 000	4000	4800	12 mil
Q	2 400		160	200	240	267	300	343	400	480	600	800	960	
R	2 000		133	167	200	222	250	286	333	400	500	667	800	2 mil
S	10 000		667	833	1 000	1 111	1 250	1 429	1 667	2 000	2 500	3333	4000	10 mil
T	1 200		80	100	120	133	150	171	200	240	300	400	480	
U	1 260		84	105	126	140	158	180	210	252	315	420	504	
V	1 420		95	118	142	158	178	203	237	284	355	475	568	
W	1 660		111	138	166	184	208	237	277	332	415	553	664	
X	2 000		133	167	200	222	250	286	333	400	500	667	800	
Y	2 500		167	208	250	278	313	357	417	500	625	833	1000	
Z	3 340		223	278	334	371	418	477	557	668	835	1113	1336	
AA	5 000		333	417	500	556	625	714	833	1 000	1 250	1667	2000	5 mil
			Reticle centre (millimetres @ 100 metres)											
CC	500		33	42	50	56	63	71	83	100	125	167	200	
DD	125		8	10	13	14	16	18	21	25	31	42	50	
EE	250		17	21	25	28	31	36	42	50	63	83	100	

Useful mil measurements on the centre post scale are highlighted in blue table, ½ mil, 1 mil, 2 mil, 5 mil, 10 mil & 12 mil, with scope magnification set to 10.