

ISSUE	MK1	MK2	MK2/1	MK3 (303)	L1A1	NOTES
Platform used on	No.4 MK1 (T)	No.4 MK1 (T)	No.4 MK1 (T)	No.4 MK1 (T)	L42A1	
Date entered service	1942	1943	1944	1944	1970	
Comments	<i>The MK1 was originally intended to be used on both the Bren gun (MG) and then carried over to the No. 4 MK1 (T) sniper rifle, however it was never actually used on the MG</i>	<i>The MK2 featured anti back lash springs and finer adjustments than the MK1</i>	<i>These optics were actually MK2's upgraded new drums. Some were recalibrated for 7.62 and used for the L42A1 program</i>	<i>Completely redesigned from the MK1 and MK2. Uses the drums from the MK2/1.</i>	<i>The L1A1 is a No32 MK3 (or MK2/1) recalibrated for the 7.62 NATO round. Elevation drum marked "M" for meters.</i>	
Rear sun shade	Yes	Yes	No	No	No	<i>The rear sunshade was removed from most of the NK1 and MK2 optics in 1947</i>
BDC calibration	.303	.303	.303	.303	7.62 NATO	<i>.303 calibration was based on 174 grain round, 7.62 NATO calibration was based on 155 grain round</i>
Elevation drum markings	0 - 1000 yds w/100 yd increments)	0 - 1000 yds w/50 yd increments	0 - 1000 yds w/50 yd increments	0 - 1000 yds w/50 yd increments	0 - 1000 yds w/50 yd increments	<i>The MK1 is capable of indexing 50yd increments but the position is not marked on the elevation drum</i>
Windage drum markings	16 MOA (L&R)	16 MOA (L&R)	16 MOA (L&R)	16 MOA (L&R)	16 MOA (L&R)	
Elevation adjustment	2 MOA (50yd)	1 MOA	1 MOA	1 MOA	1 MOA	
Windage adjustment	2 MOA	1 MOA	1 MOA	1 MOA	1 MOA	
Elevation MOA	49	49	49	49	60	
Windage MOA	16	16	16	16	16	
Tools needed to slip the scales to zero	Yes	Yes	Yes	No	No	<i>The MK3 provided a small hole in the elevation and windage drums that allowed the shooter to insert a bullet point and rotate the drum to read zero</i>
Water Proof	No	No	Some	Yes	Yes	<i>Water proof scopes were marked with a red "W" to indicate it had passed inspection</i>