



MKKN

LARGE CALIBER AMMUNITION

155 MM SERIES



L15 HE

High Explosive Artillery Ammunition Shells for 155 mm Howitzer

MKKN manufacture steel bodies for the 155 mm High Explosive (HE) L15 howitzer munition used for blast and fragmentation effects. Originally developed for British artillery systems, the L15 is now used internationally to provide high reliability, accuracy and power in long-range supporting fire. The hollow forged body is made in quenched and annealed steel with a gilded metal driving band, compatible with all current 155 mm howitzer. The rotating band is protected by a polymeric ring (to be removed before firing), and a lifting plug is installed on the tip of the body to prevent possible damages to the fuse threads during handling and storage operations.



system characteristics

Projectile Length (without fuse)	679 mm (equivalent to MKKN-L15)
Projectile Weight (without fuse)	43.7 kg (equivalent to MKKN-L15)
Fuse Cavity	IAW STANAG 2916
Explosive Type	TNT / Composition B
Explosive Mass	11,3 kg
Color	Green & Yellow Markings (NATO AOP-2)
Packaging	Wooden Pallet of 8 Projectiles
Packaging Dimensions and Weight	900 x 600 x 866 mm (approx. 305 kg)

System Performances

(from FH70 Howitzer using a M4A2/DM72 charge)

Nominal Muzzle Velocity	800 ÷ 810 m/s
Nominal Spin Rate	66,800 ÷ 78,700 rpm
Nominal Chamber Pressure	1,780 ÷ 2,170 bar
Firing Temperature Range	+63 °C ÷ -46 °C
Storage Temperature Range	+71 °C ÷ -51 °C

System Qualifications

MIL-DTL-14824C (AR)

Detail specification, Projectile 155 mm, HE, metal parts assembly.

STANAG 4224 (Ed. 4)

Large caliber artillery and naval gun ammunition greater than 40 mm, safety and suitability for service evaluation.

