

122 mm WITH ILLUMINATING S-463 AND FULL PROPELLANT CHARGE M78

Artillery ammunition

The round 122mm is separate loaded, with an illuminating projectile S-463 and a full propellant charge M78. It is intended for illuminating the battlefield. The projectile is assembled with an illuminating torch.

A fuze UTE M10 is screwed on the projectile and is timed with UTIF device (setter) before firing the projectile.

The full propellant charge M78 is in a steel cartridge case 122 mm M78 or a brass cartridge case 122 mm M19 and is initiated by a gun primer KT M71.

TECHNICAL DATA:

• Calibre (mm)	122
• Projectile muzzle velocity (m/s)	687
• Mean max pressure of powder gases (bar)	≤ 2450
• Maximum range (m)	15200
• Projectile length with fuze (mm)	max. 516
• Projectile mass, tabular (kg)	22.175
• Light intensity (cd)	min 700000
• Torch burning time (s)	min 55
• Propellant charge mass (kg)	3.8
• Cartridge case 122 mm mass (kg)	3.66 (for M78), 4.06 (for M19)
• Operating temperature (°C)	-30 to +50



WEAPON COMPATIBILITY:

122 mm howitzers D-30, D-30J and SP 2S1.

