

122 mm WITH HE 462A1 AND REDUCED VARIABLE PROPELLANT CHARGE M78

Artillery ammunition

The round 122 mm is separate loaded, with a high-explosive projectile 462A1 and a reduced variable propellant charge M78. It is intended for the destruction of personnel, light fortifications, unarmored and lightly armored vehicles.

The projectile is filled with TNT explosive. A fuze UTIU M72B1 is screwed on the projectile.

The reduced variable 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)	565
• Mean max pressure of powder gases (bar)	≤ 2450
• Maximum range (m)	12800
• Projectile length with fuze (mm)	max. 565
• Projectile mass, tabular (kg)	21.76
• Explosive charge mass (kg)	3.6
• Cartridge case length (mm)	447
• Cartridge case 122 mm mass (kg)	3.66 (for M78), 4.06 (for M19)
• Propellant charge mass (kg)	2.6
• Operating temperature (°C)	-30 to +50



WEAPON COMPATIBILITY:

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

