

122 mm WITH HEER M10 AND FULL VARIABLE PROPELLANT CHARGE M10

Artillery ammunition

The round 122 mm is separate loaded, with a high-explosive projectile M10 and a full variable propellant charge M10. It is intended for destruction or neutralization of personnel, light fortifications, unarmored and lightly armored vehicles, artillery and rocket batteries on location, command positions, towing convoys at rest or in motion.

The projectile is filled with HAL-20 and a fuze UTIU M02P1 is screwed on the projectile.

The full variable propellant charge M10 (it consists of a base charge M10 and an increment charge M10) is in a steel cartridge case 122 mm M78 and is initiated by a gun primer KT M71.

TECHNICAL DATA:

• Calibre (mm)	122
• Projectile muzzle velocity (m/s)	745
• Mean max pressure of powder gases (bar)	≤ 2450
• Maximum range (m)	18300
• Projectile length with fuze (mm)	max. 658
• Projectile mass, tabular (kg)	20.2
• Explosive charge mass (kg)	3.78
• Cartridge case length (mm)	447
• Cartridge case 122 mm mass (kg)	3.66
• Propellant charge mass (kg)	4.16
• Operating temperature (°C)	-30 to +50



WEAPON COMPATIBILITY:

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

