

155 mm WITH HE M107 AND PROPELLANT CHARGE M119A1

Artillery ammunition

The round 155 mm is separate loaded, with a high-explosive projectile M107 and a propellant charge M119A1. It is intended for the destruction of personnel, light fortifications, unarmored and lightly armored vehicles, etc. The projectile is filled with TNT explosive. A fuze UTIU M02P1 is screwed on the projectile and it can be set to superquick or delay action. The propellant charge M119A1 is activated by a gun primer KT M82P2.

TECHNICAL DATA :

• Calibre (mm)	155
• Projectile muzzle velocity (m/s)	684 (M109A1/M185) 690 (M198/M199)
• Mean maximum pressure of powder gases (bar)	≤ 2060 (M109A1/M185) ≤ 2170 (M198/M199)
• Maximum range (m)	18100 ((M109A1/M185) 18270 (M198/M199)
• Projectile length, with fuze (mm)	702
• Projectile mass, tabular (kg)	43.1
• Explosive charge mass (kg)	6.72
• Propellant charge mass (kg)	9
• Operating temperature (°C)	-30 to +50



WEAPON COMPATIBILITY:

155 mm M109A1/M185 and M198/M199 howitzers

