

155 mm, WITH HE M107 AND PROPELLANT CHARGE M3A1

Artillery ammunition

The round 155 mm is separate loaded, with a high-explosive projectile M107 and a propellant charge M3A1. 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 UTIUM02P1 is screwed on the projectile and it can be set to superquick or delay action.

The propellant charge M3A1 is activated by a gun primer KT M82P2.

TECHNICAL DATA :

• Calibre (mm)	155
• Projectile muzzle velocity (m/s)	375 (M109/M126A1) 375 (M109A1/M185) 380 (M198/M199)
• Mean maximum pressure of powder gases (bar)	≤ 1593 (M109/M126A1) ≤ 1062 (M109A1/M185)
• Maximum range (m)	9803 (M109/M126A1) 9800 (M109A1/M185) 9800 (M198/M199)
• Projectile length, with fuze (mm)	702
• Projectile mass, tabular (kg)	43.1
• Explosive charge mass (kg)	6.72
• Propellant charge mass (kg)	2.68
• Operating temperature (°C)	-30 to +50



WEAPON COMPATIBILITY:

155 mm howitzers M109/M126A1, M109A1/M185 and M198/M199

