

105 mm, M56 WITH PROJECTILE HE M1 AND PROPELLANT CHARGE M2

Artillery ammunition

The round 105 mm is separate loaded, with a high-explosive projectile M1 and a propellant charge M2. 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 M02P1 is screwed on the projectile. The full propellant charge M2 is in a brass cartridge case 105 mm M14 and is initiated by a gun primer KT M28A2.

TECHNICAL DATA:

• Caliber (mm)	105
• Projectile muzzle velocity (m/s)	491 (for M56) 472 (for M2A1)
• Mean maximum pressure of powder gases (bar)	≤ 2305
• Maximum range (m)	11600 (for M56) 11200 (for M2A1)
• Projectile length, with fuze (mm)	496
• Projectile mass, tabular (kg)	14.9
• Explosive charge mass (kg)	2.11
• Cartridge case length (mm)	371.856
• Propellant charge mass (kg)	1.3
• Operating temperature (°C)	-30 to +50



WEAPON COMPATIBILITY:

105 mm howitzers M56 and M2A1