

105 mm, WITH ILLUMINATING PROJECTILE M314A4 AND PROPELLANT CHARGE M2

Artillery ammunition

The round 105 mm is separate loaded, with an illuminating projectile M314A4 and a propellant charge M2. It is intended for illuminating the battlefield. The projectile is assembled with an illuminating torch.

A fuze UTE M10 is screwed on the projectile and is timed with setter before firing the projectile.

The propellant charge M2 is in a brass cartridge case 105 mm M14 and is initiated by a gun primer KT M28A2.

TECHNICAL DATA:

• Calibre (mm)	105
• Projectile muzzle velocity (m/s)	461 (for M56), 443 (for M2A1)
• Mean maximum pressure of powder gases (bar) \leq	2305
• Maximum range (m)	9200 (for M56), 9300 (for M2A1)
• Projectile length, with fuze (mm)	487.8
• Projectile mass, tabular (kg)	16.6
• Flare composition mass (kg)	0.76
• Light intensity (cd)	min 400000
• Torch burning time (s)	min 30
• Propellant charge mass (kg)	1.3
• Operating temperature (°C)	-30 to +50



WEAPON COMPATIBILITY:

Howitzer 105 mm M56 and M2A1

