



01 / PRODUCT OVERVIEW

M82

100 mm HE round M82



FIG 01 PRODUCT CONFIGURATION

16.7 kg

PROJECTILE MASS

100 mm

CALIBRE

700 m/s

PROJECTILE MUZZLE VELOCITY

8.2 kg

EMPTY STEEL CARTRIDGE CASE MASS

01.1 / OVERVIEW

A fixed 100 mm round for the 100 mm antitank guns T-12 and MT-12, consisting of an assembled steel cartridge case with full propellant charge and a TNT-filled high-explosive projectile M82 fitted with a UTIU M85P1 fuze and a No12 tracer, intended for direct and indirect fire against personnel, light fortifications and unarmoured or lightly armoured vehicles.

TYPE

HE

CALIBRE

100 mm

STANDARD

Eastern

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

M82 / AMMUNITION

IDENTITY AND CONSTRUCTION

Calibre	100 mm
Projectile muzzle velocity	700 m/s
Round length, with fuze	1283 mm
Projectile length, with fuze	674 mm
Cartridge case length	913 mm
Projectile mass	16.7 kg
Empty steel cartridge case mass	8.2 kg

BALLISTIC PERFORMANCE

Mean maximum pressure of powder gases	1864 bar
Operating temperature	-30 to +50 °C

DIMENSIONS, MASS AND SUPPLY

Explosive charge mass	2.2 kg
Propellant charge mass	4.6 kg

ADDITIONAL TECHNICAL DATA

Tracer burning time	4 s
---------------------	-----