



01 / PRODUCT OVERVIEW

M07

40 mm bounding HE underbarrel grenade round M07



FIG 01 PRODUCT CONFIGURATION

75 m/s

MUZZLE VELOCITY

40 mm

CALIBER

400 m

MAX. RANGE

300 g

ROUND MASS

01.1 / OVERVIEW

A 40 mm round with a blasting bounding projectile designed for use against personnel in open and sheltered space, fired from the GP-25 and GP-30 under-barrel grenade launchers fitted to AK-pattern rifles (AK-74, AKS-74, AKM, AK-101) and to M21 rifles, directly from 50 to 400 m and indirectly on a curved trajectory from 200 to 350 m.

TYPE

HE

CALIBRE

40 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

M07 / AMMUNITION

IDENTITY AND CONSTRUCTION

Caliber	40 mm
Fuze	UT, M07

BALLISTIC PERFORMANCE

Muzzle velocity	75 m/s
Vertical target accuracy at 150 m	per height $V_v < 0.5$ m, per direction $V_p < 0.5$ m
Max. range	400 m
Accuracy at max range	per distance $V_{dt} < 14$ m, per direction $V_{pt} < 7$ m
Temperature range	-53 C to +71 C

DIMENSIONS, MASS AND SUPPLY

Round mass	300 g
Round length	125 mm
Powder charge weight	0.6 g

ADDITIONAL TECHNICAL DATA

Explosive charge FH-5	40 g
Casualty radius	min. 6 m
Muzzle safety	min. 15 m
Burning time of self-destruction device	15 s