



01 / PRODUCT OVERVIEW

M02

40 mm HE bullet-trap rifle grenade M02



FIG 01 PRODUCT CONFIGURATION

40 mm

CALIBER

150 m

RANGE AT 14° WITH 5.56X45 MM SS109

58 m/sMUZZLE VELOCITY WITH 5.56X45 MM
SS109**450 g**

MASS

01.1 / OVERVIEW

A 40 mm fragmentation rifle grenade with a bullet trap and an impact superquick fuze with 15 s self-destruction, weighing 450 g.

TYPE
HECALIBRE
40 mmSTANDARD
NATO**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

M02 / AMMUNITION

IDENTITY AND CONSTRUCTION

Caliber	40 mm
Fuze	impact, superquick action, self destruction (UT - M00, SD)
Cartridges	5,56x45 SS109; 7,62x51
Wooden case dimensions	65 x 32 x 25 cm
Case gross mass	30 kg
Case volume	0,052 m ³

BALLISTIC PERFORMANCE

Grenade effect	min. 100 penetrations through a board 20 mm thick at D = 20 m and 1,5 m high; 200 penetrations through a board 20 mm thick at D = 10 m and 1,5 m high
Muzzle velocity with 5.56x45 mm SS109	58 m/s
Range at 14° with 5.56x45 mm SS109	150 m
Maximum range at 45° with 5.56x45 mm SS109	350 m
Muzzle velocity with 7.62x51 mm	72 m/s
Range at 14° with 7.62x51 mm	300 m
Maximum range at 45° with 7.62x51 mm	500 m
Accuracy	when firing at 14 degrees the shot pattern in field is Rmax - Rmin max 15 m; span in traverse max 3 m

DIMENSIONS, MASS AND SUPPLY

Length	270 mm
Mass	450 g
Packing	40 grenades per sheet metal box, 1 box with 40 grenades in a wooden case



TECHNICAL DATA

M02 / AMMUNITION

ADDITIONAL TECHNICAL DATA

Type	fragmentation
Self destruction time	15 s
Safety distance	min. 15 m in front of barrel
Arming distance	grenade must act upon cardboard 1 mm thick at a distance of 50 m
Action on fragments in field	100 m in diameter