



60 mm IR ILLUMINATING MORTAR BOMB WITH FUZE ETF-1

Type: INFANTRY ARMS AND AMMUNITION

The 60 mm illuminating bomb is designed to illuminate in IR

TECHNICAL CHARACTERISTICS

Length with fuze ETF-1MT	379.36...384.25 mm
Length without fuze:	293.76...295.8 mm
Weight (with fuze, w/out increments):	2.07 Kgs
Propulsion system:	1 prime charge + 3 increments
Muzzle velocity:	200 m/s (max.)
Fuze:	electronic time fuze ETF-1MT
Maximum range	2800 m
Radiation length	800 ÷ 1000 nm
Illum. burn time	min 20 s
IR- Power (min)	150 W/Sr
Stabilized descent speed	max. 4.5 m/s
Temp. limits, firing and storage	-32° C to 49° C



ELECTRONIC TIME FUZE ETF-1MT

Fuze length	98...100 mm
Length of part mounted in ogive	11.57÷12.6 mm
Thread of part buried in ogive:	Sp 36.14 x 10 turns/inch
Weight	0.285 Kg
Power supply	Air driven turbine
Operation mode	Time Impact (if time set higher than trajectory time)

Adjustable setting time:

- 3.1 s ÷ 99.9 s, with thread 0.1 s, precision 0.05s

Programming is done with wired electronic Programmer.

Each ammunition 60 mm with illuminating bomb, fully equipped (with evacuation charges, variable propellant charges and ETF- 1MT fuze) TH-MB-30 is placed in individual sealed package. 10 pieces ammunition 60 mm are placed in a wooden case with dimensions 618x438x296 mm.

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