



01 / PRODUCT OVERVIEW

PD UTU-M93N

PD UTU-M93N mortar fuze

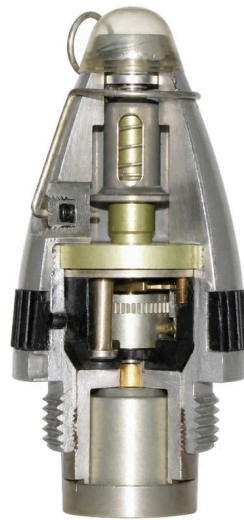


FIG 01 PRODUCT CONFIGURATION

-54 to +71 deg C

TEMPERATURE RANGE OF USE

min. 50 m

MUZZLE SAFETY AT 68 M/S INITIAL
VELOCITY

240 g

FUZE MASS

**PD (point-detonating),
mechanical, impact**

FUZE TYPE

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Mechanical point-detonating mortar fuze with selectable superquick or delay action, interrupted explosive train and arming status indicator.

TYPE

Mortar fuze

STANDARD

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.



TECHNICAL DATA

PD UTU-M93N / AMMUNITION

IDENTITY AND CONSTRUCTION

Fuze type	PD (point-detonating), mechanical, impact
Fuze mass	240 g
Fuze length	max. 105 mm (max. 28 mm entering the shell)
Max fuze diameter	49 mm

BALLISTIC PERFORMANCE

Muzzle safety at 68 m/s initial velocity	min. 50 m
Temperature range of use	-54 to +71 deg C

ADDITIONAL TECHNICAL DATA

Action modes	Superquick 'T' or delay 'U', selectable by mode selector
Ammunition compatibility	HE mortar shells of all calibres with compatible bearings or via adaptor
Safety standard	MIL-STD-1316B; low-explosive train interrupted; armed / non-armed status indicator
Arming	Inertia type, acceleration 400 g to 13000 g
Time delay	30 ms to 50 ms
Drop safety	3 m
Moisture proofness	0.5 bar pressure
Connecting thread	1.5 in - 12 UNF-1A