

PD UTU-M93 P1

Mortar fuzes

PD UTU, M93 is mechanical, point-detonating, impact fuze of superquick and delay action adjustable by a mode selector (superquick "T" or delay "U"). It is equipped with hard transport safety element including an ancillary safety mechanism.

PURPOSE

The fuze is intended for assembling of HE mortar shells of all calibers with bearings that are compatible with connecting measures or can be assembled with appropriate adaptors.

TECHNICAL DATA:

- Safety as per MIL-STD-1316 B
- Arming inertia type
- Low – explosive train interrupted
- Equipped with status indicator (armed, non-armed)
- Acceleration from 400 g to 13000 g
- Drop safety 3 m
- Moisture proofness at 0.5 bar pressure
- Fuze mass 250 g
- Detonator charge mass 12.5 g
- Fuze length max 105 mm
- Fuze length entering the shell max 28 mm
- Fuze connecting thread M43 x 2 mm
- Maximum fuze diameter 49 mm



FUNCTIONAL DATA

- Muzzle safety at initial velocity of 68 m/s min. 50 m
- Time delay from 30 ms to 50 ms
- Temperature range of use -54°C to +71°C
- High safety during handling, transportation and storing.
- Environment test as per MIL-STD-331A
- Usage period is minimum 15 years under prescribed keeping and storing conditions.

