

UTU, M93P1

Mortar fuzes

UTU, M93P1 is mechanical, point-detonating, impact fuze of superquick and delay action equipped with hard transport safety element including an ancillary safety mechanism.

Purpose:

The fuze is intended for HE mortar shell of all calibers.

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 400g to 13000g
• Drop safety	3m
• Moisture proofness	at 1 bar pressure
• Fuze mass	250g
• Detonator charge mass	13,2g
• Fuze length	max. 105mm
• Fuze length entering the shell	max. 28mm
• Fuze connecting thread	M43 x 2 - 6g
• Maximum fuze diameter	49mm



Functional data:

• Muzzle safety at initial velocity 68m/s	min. 50m
• Action type	superquick and delay
• Time delay	from 30ms to 50ms
• Temperature range of use	-46°C to +63°C
• Temperature range of storage	-54°C to + 71°C

High safety during handling, transportation and storing.

Environmental test as per MIL-STD-331A

Usage period is minimum 15 years under prescribed keeping and storing conditions.

